

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

86 C

Property of the United States Government.

United States Department of Agriculture,

DIVISION OF PUBLICATIONS—CIRCULAR 2.

[Revised to January 15, 1907.]

GEO. WM. HILL, *Editor and Chief.*

PUBLICATIONS FOR FREE DISTRIBUTION.

Copies of the publications in the accompanying list will be sent free, so long as the editions permit, on application to the Secretary of Agriculture, Washington, D. C. Applications for Farmers' Bulletins may also be sent to Senators, Representatives, and Delegates in Congress, each of whom has a quota of several thousand copies for distribution among constituents. Applications from residents in foreign countries should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C.; price per copy, 6 cents, including postage.

The Farmers' Bulletins and Circulars of Information issued by the U. S. Department of Agriculture are printed in large editions and are for free distribution, the object being to supply farmers and others interested in agriculture and kindred subjects with condensed and practical information. It is expected, however, that applicants will ask for only such publications as are likely to be of special interest to them, and not with a view to getting complete sets, which might embrace many bulletins and circulars of no use to them, but which would be of great value to some one else. If applicants will bear this fact in mind, they will greatly aid the Department in its efforts to make the widest and at the same time the most useful distribution of its publications.

GEO. WM. HILL,
Editor and Chief.

Approved:

JAMES WILSON,
Secretary of Agriculture.

WASHINGTON, D. C., January 15, 1907.

FARMERS' BULLETINS.

22, second revision.—The Feeding of Farm Animals. Pp. 40.

CONTENTS: Principles of feeding—Composition of the animal body—Composition and digestibility of feeding stuffs—Feeding standards for different kinds of animals—Calculation of rations—Selection of feeding stuffs—Preparation of food for animals—Value of succulent feeds—Soiling—Condimental feeding stuffs—Inspection of feeding stuffs—Table showing composition of feeding stuffs.

24.—Hog Cholera and Swine Plague. Pp. 16.

CONTENTS: General characters—Symptoms—Appearance on post-mortem examination—The cause of these diseases—Diagnosis and prognosis—Formula for remedy for hog cholera and swine plague—Prevention of disease by proper breeding and feeding.

25.—Peanuts: Culture and Uses. Pp. 24, fig. 1.

CONTENTS: Description and history—Composition—Varieties—Climate and soil suitable for peanut culture—Manuring—Culture—Harvesting—Uses.

27.—Flax for Seed and Fiber in the United States. Pp. 16.

CONTENTS: Can both seed and fiber be saved?—Soil selection and preparation—Fertilizing—Rotation—Kind and quantity of seed to sow—Weeds—Harvesting the fiber—Saving the seed—Retting the straw—The "American practice."

28, revised.—Weeds, and How to Kill Them. Pp. 32, figs. 11.

CONTENTS: General methods of eradicating weeds—List of weeds attracting special attention—Table of one hundred weeds.

29.—Souring of Milk and Other Changes in Milk Products. Pp. 23.

CONTENTS: Composition of milk—Causes of fermentation—Sources, number, and kinds of dairy bacteria—The souring of milk—Supposed effect of thunderstorms—Other forms of fermentation—Fermentation of milk by rennet.

30.—Grape Diseases on the Pacific Coast. Pp. 15, figs. 3.

CONTENTS: California vine disease—Powdery mildew—Coulure.

32, revised.—Silos and Silage. Pp. 32, figs. 6.

CONTENTS: Historical—Construction and cost of silos—Selection and culture of silage crops—Filling the silo—Cost of silage—Composition and feeding value of silage—Feeding silage to farm stock.

33.—Peach Growing for Market. Pp. 24, figs. 21.

CONTENTS: Where peaches can be grown—Planting within easy reach of large markets—Extent of peach lands in the United States—Planting and cultivation of the orchard—Pruning—Fertilizers—Fungous diseases and insect pests—Spraying, washing, etc.—Picking and marketing the fruit—Gluts in the market—Hindrances to profitable peach culture.

34.—Meats: Composition and Cooking. Pp. 29, figs. 4.

CONTENTS: Animal and vegetable foods compared—Structure, composition, texture (toughness), flavor, and digestibility of meats—The cooking of meats—Cuts of meats—Fuel value of meats.

35.—Potato Culture. Pp. 24, figs. 2.

CONTENTS: Soil and rotation—Manuring—Varieties—Time to cut seed potatoes—Quantity of seed potatoes per acre—Weight and number of eyes per set—Number of cuttings and stalks per hill—Cultivation—Mulching—Harvesting and storing—Second-crop potatoes.

36.—Cotton Seed and Its Products. Pp. 16.

CONTENTS: Cotton seed—Method of manufacturing cotton-seed products—Cotton-seed oil, meal, and hulls—Cotton-seed-hull ash—Feeding cotton-seed products to farm stock—Effect on health of animals.

37.—Kafir Corn: Characteristics, Culture, and Uses. Pp. 12, fig. 1.

CONTENTS: Varieties—Soils and climate—Preparation of the soil—Methods of seeding—Cultivation and harvesting—Yield—Composition—Practical feeding tests.

39.—Onion Culture. Pp. 31, figs. 3.

CONTENTS: Selection and preparation of soil—Fertilizing—Seed and varieties—Growing onions from sets and from seeds sown in the field—Transplanting—Cultivation and weeding—Irrigation—Harvesting—Storing—Production of seed—Two important enemies of the onion.

41.—Fowls: Care and Feeding. Pp. 24, figs. 4.

CONTENTS: Site for building and yards—Construction of houses—Perches, nests, drinking fountains, dust boxes, etc.—Breeds and breeding—Feeding—Brooders and incubators—Diseases and lice—Dressing and shipping.

42, revised.—Facts about Milk. Pp. 32, figs. 8.

CONTENTS: The dairy industry—Composition and causes of differences in milk—Difficulties in obtaining pure milk—Changes in milk—Care of milk—Pasteurization—Cream—Detecting impure milk—Town and city milk supply—Standardizing of milk and cream.

43.—Sewage Disposal on the Farm and the Protection of Drinking Water. Pp. 20, figs. 8.

CONTENTS: Methods of disposal of different kinds of sewage—Protection of drinking water—Ways of contamination of water—Construction of wells.

44, revised.—Commercial Fertilizers: Composition and Use. Pp. 38.

CONTENTS: Need of commercial fertilizers—Fertilizer requirements of different soils and crops—Forms, sources, and composition of fertilizing materials—Agricultural vs. commercial value of fertilizers—Purchase of fertilizers and conditions under which they may be properly used—Kinds to use—How to apply.

46.—Irrigation in Humid Climates. Pp. 27, figs. 4.

CONTENTS: The advantages of an abundant supply of soil moisture—The rainfall of the growing season in the United States is insufficient for maximum yield—Extent of irrigation in the humid parts of Europe—The rainfall of Europe and the Eastern United States compared—Fertilizing value of irrigation waters—Lands best suited to irrigation in humid climates—Methods of obtaining water for irrigation—The construction of reservoirs—Methods of applying irrigation water.

47.—Insects Affecting the Cotton Plant. Pp. 32, figs. 18.

CONTENTS: The cotton worm, or cotton caterpillar—The cotton bollworm—The Mexican cotton boll weevil—Other cotton insects

48.—The Manuring of Cotton. Pp. 16.

CONTENTS: The draft of the cotton plant upon the fertility of the soil—Experiments in the manuring of cotton.

49.—Sheep Feeding. Pp. 24.

CONTENTS: Feeding breeding ewes—Feeding lambs intended for breeding purposes—Feeding lambs for market.

51, revised.—Standard Varieties of Chickens. Pp. 48, figs. 42.

CONTENTS: Classification of chickens—Description of forty-four varieties, giving their respective points of superiority and general utility.

52, second revision.—The Sugar Beet. Pp. 48, figs. 24.

CONTENTS: Climatic conditions affecting the growth of the sugar beet—The theoretical sugar-beet belt of the United States—Growth of beets on irrigated lands—Varieties of beets—Soils—Fertilization—Precautions to be observed in applying stable manure—Preparation of the land for planting—Planting—Cultivation—Cost of growing beets—Harvesting—Siloing—Domestic production of beet seed—Comparative value of domestic and foreign-grown seed—Manufacture of sugar—Home consumption of sugar—Waste products—Cost of manufacture—Cost of factory—Cooperative factories—Statistical information.

54, revised.—Some Common Birds in Their Relation to Agriculture.

Pp. 48, figs. 22.

CONTENTS: The bobwhite—The mourning dove—The cuckoos—The woodpeckers—The nighthawk—The kingbirds—The phœbes—The blue jays—The crow—The bobolink, or rice bird—The red-winged blackbird—The meadow lark—The orioles—The crow blackbird—The sparrows—The house finch—The rose-crested grosbeak—The swallows—The cedarbird—The catbird—The brown thrasher—The house wren—The titmice—The robin—The bluebirds.

55, revised.—The Dairy Herd: Its Formation and Management.

Pp. 31.

CONTENTS: Cattle for the dairy—Pure-bred dairy cattle and grades—The bull and his treatment—Accommodations for the herd—Health of the herd—Fall-fresh cows most profitable—Drying off cows and calving time—Abortion and milk fever—Care of calves and young stock—The pasture season and soiling—The stabling season—Feeding the herd.

56.—Experiment Station Work—I. Pp. 31, figs. 10.

CONTENTS: Good vs. poor cows—Corn vs. wheat—Effects of rations richer and poorer in protein—Forage crops for pigs—Robertson silage mixture—Alfalfa—Effect of fertilizers on the proportion of grain to straw and stover—Comparative fertilizing value of the different phosphates—The harmful effects on soils of the continued use of muriate of potash—Recent progress in the study of irrigation—Potato scab—Barnyard manure.

58, revised.—The Soy Bean as a Forage Crop. With an Appendix on Soy Beans as Food for Man. Pp. 24, figs. 5.

CONTENTS: General characteristics and origin—Varieties—Methods of culture—Harvesting—Yield—Chemical composition—Digestibility—Value and uses—Appendix: Soy beans as food for man.

59, revised.—Bee Keeping. Pp. 47, figs. 19.

CONTENTS: Locations suited to the keeping of bees—The returns to be expected from an apiary—Anyone who desires to do so can learn to manipulate bees—How to avoid stings—What race of bees to choose—What hive to adopt—Management in swarming—Special crops for honey alone not profitable—How to obtain surplus honey and wax—The wintering of bees—The risk of loss through disease and enemies—Legislation affecting aparian interests.

60, second revision.—Methods of Curing Tobacco. Pp. 16.

CONTENTS: Curing the Northern cigar tobacco—Cultivation and curing of Sumatra tobacco in Connecticut—Curing tobacco in Florida—Curing White Burley tobacco—Curing bright yellow tobacco—Curing export tobacco—Types of export tobacco—Curing Perique tobacco—Marketing tobacco.

61.—Asparagus Culture. Pp. 40, figs. 17.

CONTENTS: History—Botany and varieties—Production of plants from seed—Selection and preparation of soils—Planting and cultivation—Manuring beds—Cost of an asparagus bed—Harvesting and marketing—Canning—Drying—Fungous diseases—Insect enemies.

62.—Marketing Farm Produce. Pp. 28, figs. 7.

CONTENTS: The trade in farm produce—General rules—Packing—The commission merchant—Particular directions: Butter, eggs, poultry and game, meats, potatoes, small fruits, vegetables, and honey.

63, revised.—Care of Milk on the Farm. Pp. 40, figs. 9.

CONTENTS: Dairy bacteria—How milk becomes impure—How to keep milk pure—Fifty dairy rules.

64, revised.—Ducks and Geese: Standard Breeds and Management. Pp. 56, figs. 37.

CONTENTS: Standard varieties of ducks—Management of ducks—Standard varieties of geese—Management of geese.

65.—Experiment Station Work—II. Pp. 32, figs. 7.

CONTENTS: Common crops for forage—Stock melons—Starch in tomatoes—Crimson clover—Geese for profit—Cross pollination—A germ fertilizer—Lime as a fertilizer—Are ashes economical as fertilizers?—Mixing fertilizers.

66, revised.—Meadows and Pastures: Formation and Cultivation in the Middle Eastern States. Pp. 30, figs. 9.

CONTENTS: General prevalence and commercial value of grasses—Grasses as soil builders—Fertilizers for grass lands—Methods of preparing the soil—Sowing the seed—Varieties of grasses and clovers—Some grass mixtures.

68.—The Black Rot of the Cabbage. Pp. 22, fig. 1.

CONTENTS: Nature and prevalence of the disease—Sources of infection—Suggestions for prevention—Prompt marketing—Storage—No danger from eating affected cabbages—Synopsis of rules for prevention.

69.—Experiment Station Work—III. Pp. 32, figs. 2.

CONTENTS: Flax culture—Crimson clover—Forcing lettuce—Heating greenhouses—Corn smut—Millet disease of horses—Tuberculosis—Pasteurized cream—Kitchen and table wastes—Use of fertilizers.

70.—The Principal Insect Enemies of the Grape. Pp. 23, figs. 12.

CONTENTS: The grapevine phylloxera—The grapevine fidia—The grape cane-borer—The grapevine flea-beetle—The rose-chafer—The grape leaf-folder—Hawk moths and cutworms—The grape leaf-hopper—The grape-berry moth.

71.—Some Essentials in Beef Production. Pp. 24, figs. 17.

CONTENTS: The beef type—The use of the score card—Beef characteristics briefly defined—Selection of store or stock cattle for feeding—Breeding type vs. the block—Excellence for the block due to inherited quality rather than feed or grain—The types compared—Early maturity—The passing of the heavy-weight carcass—The economy of gain at different ages compared.

72.—Cattle Ranges of the Southwest: A History of the Exhaustion of the Pasturage and Suggestions for its Restoration. Pp. 32, figs. 9.

CONTENTS: Early use and present condition of Texas pastures—Obstacles to renewal or improvement of the ranges—How the stock ranges may be renewed.

73.—Experiment Station Work—IV. Pp. 32, figs. 3.

CONTENTS: Pure water—Loss of soil fertility—Availability of fertilizers—Seed selection—Jerusalem artichokes—Kafir corn—Thinning fruit—Use of low-grade apples—Cooking vegetables—Condimental feeding stuffs—Steer and heifer beef—Swells in canned beef.

74.—Milk as Food. Pp. 39, charts 2.

CONTENTS: Food and its functions—Composition, characteristics, properties, variations, nutritive value, and digestibility of milk—Skim milk—Cream—Butter—Nutritive value of milk as compared with other foods—Use of milk with other foods—Nutritive value of milk and its cost—Daily menus containing milk.

77, revised.—The Liming of Soils. Pp. 24.

CONTENTS: The use of lime for improving soils—Direct manurial action and chemical action of lime on soils—Physical effect of liming—The effect of lime on the action of microscopic organisms in the soil—Liming sometimes injurious—Plants benefited and plants injured by liming—Influence of lime upon some plant diseases—How often should liming be practised?—When and how to apply lime—Forms of lime used for agricultural purposes.

78.—Experiment Station Work—V. Pp. 32, figs. 2.

CONTENTS: Humus in soils—Swamp, marsh, or muck soils—Rape—Velvet bean—Sunflowers—Winter protection of peach trees—Subwatering in greenhouses—Bacterial diseases of plants—Grape juice and sweet cider.

79.—Experiment Station Work—VI. Pp. 28, figs. 2.

CONTENTS: Fraud in fertilizers—Sugar-beet industry—Seeding grass land—Grafting apple trees—Forest fires—American clover seed—Mushrooms as food—Pigs in stubble fields—Ensiling potatoes—Anthrax.

80.—The Peach Twig-Borer: An Important Enemy of Stone Fruits. Pp. 16, figs. 5.

CONTENTS: Recent studies of the insect—History and distribution—Life history and habits—The strawberry crown-miner a distinct insect—Natural parasites—Remedies and preventives.

81.—Corn Culture in the South. Pp. 24.

CONTENTS: The soil and its preparation—Rotation—Fertilizers—Varieties—Planting—Cultivation—Harvesting and storing the crop—Saving seed.

82.—The Culture of Tobacco. Pp. 24.

CONTENTS: Selecting the seed—The seed bed and how prepared in the different tobacco districts—Sowing the seed—Time of sowing the seed—Planting—Cultivation—Fertilizers—Topping—Cutting—Saving seed—Insect pests.

83.—Tobacco Soils. Pp. 23, fig. 1.

CONTENTS: Climate and distribution of tobacco—Soils of the several districts—Water content of tobacco soils.

84.—Experiment Station Work—VII. Pp. 32, figs. 8.

CONTENTS: Home-mixed fertilizers—Forcing asparagus in the field—Field selection of seed—Potatoes as food—Corn stover as a feeding stuff—Feeding value of sugar beets—Salt marsh hay—Forage crops for pigs—Ground grain vs. whole grain for chicks—Skim milk for young chickens—By-products of the dairy—Stripper butter—Curd tests in cheese making—Gape disease of chickens.

85, revised.—Fish as Food. Pp. 32.

CONTENTS: Preparing fish for market—Nutritive value of fish—Place of fish in the diet—Preparing fish for the table—Daily menus containing fish—Possible dangers from eating fish.

86.—Thirty Poisonous Plants of the United States. Pp. 32, figs. 24.

CONTENTS: Names, descriptions, and poisonous character of the most important poisonous plants; locality where found; symptoms of poisoning.

87.—Experiment Station Work—VIII. Pp. 32, figs. 6.

CONTENTS: Soil moisture—Fertility of soil—Cover crops for orchards—Cultivating vs. cropping orchards—Transplanting trees—Fecundity of swine—Food value of eggs—Starch from sweet potatoes—The toad as a friend of the farmer.

88.—Alkali Lands. Pp. 23, fig. 1.

CONTENTS: Conditions in the Yellowstone Valley—Rainfall and seepage—How salt determinations are made—Kinds of soil in the valley—Effects of underdrainage.

91.—Potato Diseases and Their Treatment. Pp. 12, figs. 4.

CONTENTS: Potato leaf blight or early blight—Potato blight, late blight, or rot—Brown rot—Potato scab—Tip burn, leaf burn, or scald—Arsenical poisoning of potato leaves.

92.—Experiment Station Work—IX. Pp. 30.

CONTENTS: Sugar beets on alkali soils—Planting and replanting corn—Improvement of sorghum by selection—Improved culture of potatoes—Second-crop potatoes for seed—Cold vs. warm water for plants—Soils and fertilizers for forcing head lettuce—The date palm in the United States—Recent studies on the codling moth—Jerusalem artichokes for pigs—Supplements to skim milk in fattening calves—Pasteurization of milk for butter making—Gassy and tainted curds—Pure cultures of bacteria for cheese making.

93.—Sugar as Food. Pp. 27.

CONTENTS: Extent of use—Chemical composition—Characteristics of cane sugar and of other kinds—The sugar cane—The sugar beet—The sugar maple—Quality of sugar from different sources—Food value of sugar—Digestion of sugar—Sugar as a flavor—Food value of molasses—Practical use of sugar in dietaries of adults—Bad effects ascribed to sugar—Effect of exercise on the amount of sugar which may be eaten—Sugar in cooked foods—Confectionery—Sugar in the dietaries of children.

95.—Good Roads for Farmers. Pp. 48, figs. 49.

CONTENTS: Location, grading, and drainage of roads—Kinds of roads—Road materials—How to build roads—Road-building machinery—Cost of roads.

96.—Raising Sheep for Mutton. Pp. 48, figs. 18.

CONTENTS: Experiments in producing mutton—Principal mutton breeds compared—Lambs preferred in the markets—Method of cutting mutton—Dipping for scab—What constitutes a good sheep—Estimates of a good fleece—General notes on sheep feeding.

97.—Experiment Station Work—X. Pp. 32, figs. 5.

CONTENTS: Manure from cows—Plants for alkali soils—Influence of alkali on plants—Feeding value of the corn plant—Sows and pigs at farrowing time—The soy bean as a feeding stuff—Alfalfa hay for hogs—Animal matter for poultry—Water and animal diseases—Construction and cooling of cheese-curing rooms—Irrigation investigations.

98.—Suggestions to Southern Farmers. Pp. 48.

CONTENTS: Mississippi soils and their capabilities—Dairy cow as restorer of fertility—Cotton seed and its products—Relation of live-stock farming to home making—Southern agriculture in Mississippi and Louisiana—Expansion in the farmer and the farmer in expansion—Horticulture—Agricultural education—Stock and feeds—Forage, and feeding stock in South—Weather Bureau and the farmer.

99.—Three Insect Enemies of Shade Trees. Pp. 30, figs. 11.

CONTENTS: The imported elm-leaf beetle—The white-marked tussock moth—The fall webworm—Food plants—Remedies—Relative immunity from insect attack of different varieties of shade trees.

100.—Hog raising in the South. Pp. 40.

CONTENTS: Suitable location—Water—Building—Breeds and breeding—Feeds and feeding—Diseases and treatment—Experiences of successful hog raisers.

101.—Millets. Pp. 32, figs. 6.

CONTENTS: Foxtail millets—Barnyard millets—Broomcorn millets—Culture of millets—Uses and feeding value—Fertilizing value.

102.—Southern Forage Plants. Pp. 48, figs. 14.

CONTENTS: Formation and care of pastures—Soiling and fodder crops—The more important hay and pasture plants: Grasses; leguminous forage plants; miscellaneous forage plants.

103.—Experiment Station Work—XI. Pp. 32, figs. 5.

CONTENTS: Excessive irrigation—Cross pollination of plums—Root pruning of fruit trees—The oxeye daisy—Poisoning by wild cherry leaves—Preserving eggs—Gestation in cows—The long clam—Silage for horses and hogs—Commercial butter culture with pasteurized cream—The stave silo.

104.—Notes on Frost. Pp. 24.

CONTENTS: How frost is formed—Seasons of frost—When to expect frost—Protection from frost, devices, etc.—General observations.

105.—Experiment Station Work—XII. Pp. 32, figs. 4.

CONTENTS: Seaweed—The tillering of grain—Fertilizers for garden crops—Sweet corn and pole beans under glass—Girdling grapevines—Cereal breakfast foods—Food value of stone fruits—When to cut alfalfa—Spontaneous combustion of hay—Preservation of milk by pressure—Cream raising by dilution.

106.—Breeds of Dairy Cattle. Pp. 48, figs. 21.

CONTENTS: Origin of breeds—Numbers registered—History and characteristics of principal breeds of dairy cattle in the United States.

107.—Experiment Station Work—XIII. Pp. 32, figs. 3.

CONTENTS: Fertilizer requirements of crops—Persimmons—Forcing rhubarb—Grinding corn for cows—Waste in feeding cornstalks—Molasses for farm animals—Feeding ducks—Cost of raising calves—Feeding calves with milk of tuberculous cows—Killing the germs of tuberculosis in milk—Ropy milk and cream—Dairy salt.

108.—Saltbushes. Pp. 20, figs. 9.

CONTENTS: General characteristics—Distribution of seed—Introduced saltbushes—American saltbushes—Composition and food value—Miscellaneous alkali plants—Alkali and alkali soils.

109.—Farmers' Reading Courses. Pp. 20.

CONTENTS: Origin and purpose—Development in Pennsylvania, Michigan, New Hampshire, Connecticut, New York, West Virginia, and South Dakota—Publications on agriculture used or recommended in farmers' reading courses.

110.—Rice Culture in the United States. Pp. 28.

CONTENTS: Varieties of rice—Production and importation—Rice lands—Rice soils—Irrigation—Methods of culture—Harvesting—Milling—Rice as a food—By-products—Rice culture in southwestern Louisiana and southeastern Texas.

111.—The Farmer's Interest in Good Seed. Pp. 24, figs. 7.

CONTENTS: Relation between quality of seed and amount to sow per acre—Weed seeds sown on the farm—Low-priced seed may be expensive—Results of some tests—How to secure good seed.

112.—Bread and the Principles of Bread Making. Pp. 39, figs. 3.

CONTENTS: Grains and flours—Yeast and other leavening agencies—Raised bread—Special breads—Household methods of bread making—Imperfections and impurities in bread—Nutritive value and cost of bread.

113, revised.—The Apple and How to Grow It. Pp. 32, figs. 10.

CONTENTS: Uses of the apple—Propagation: Budding, grafting, etc.—Locating an orchard—Drainage and fertilizing—Planting—Selection of trees—Lists of varieties suited to large areas.

114.—Experiment Station Work—XIV. Pp. 28, figs. 5.

CONTENTS: Influence of salt and similar substances on soil moisture—Extra early potatoes—Rotting of cranberries—Chestnuts—Low-grade Paris green—Crude petroleum as insecticide—Skim milk in bread making—Best number of hens in one pen—Nest box for egg records—Profitable and unprofitable cows.

115.—Hop Culture in California. Pp. 28, figs. 2.

CONTENTS: Varieties of hops—Where grown and yield per acre—Methods of culture—Systems of training—Harvesting and curing—Baling and marketing—Prices and wages—Hop statistics.

116.—Irrigation in Fruit Growing. Pp. 48, figs. 8.

CONTENTS: Irrigation and cultivation—Effects of insufficient moisture—Development and utilization of irrigation water—Preparing the land—Methods of applying the water.

118.—Grape Growing in the South. Pp. 32, figs. 6.

CONTENTS: Propagation—Selection of varieties—Planting, cultivation, and fertilizing—Pruning—Trellises and systems of training—Insect enemies and fungous diseases.

119.—Experiment Station Work—XV. Pp. 31, figs. 5.

CONTENTS: Storing apples without ice—Cold storage on the farm—Mechanical cold storage for fruit—Keeping qualities of apples—Improvement of blueberries—Transplanting muskmelons—Banana flour—Fresh and canned tomatoes—Purslane—Mutton sheep—Effect of cotton-seed meal on the quality of butter—Grain feed of milk cows—Protection against Texas fever.

120.—The Principal Insects Affecting the Tobacco Plant. Pp. 32, figs. 25.

CONTENTS: The tobacco flea-beetle—The tobacco horn worms—The bud worms—The "suck fly" and other sucking bugs—The tobacco leaf-miner—Cut-worms—The cigarette beetle—Other insects—Remedies.

121, revised.—Beans, Peas, and Other Legumes as Food. Pp. 39, figs. 10.

CONTENTS: Geographical distribution—The bean—The pea—The lentil—The peanut—Nutritive value of legumes—Digestibility—Extent of use in dietaries—Preparation of legumes for food—Comparative value of legumes in relation to their cost.

122.—Experiment Station Work—XVI. Pp. 32, figs. 5.

CONTENTS: Liming grass lands—Early plowing for fall wheat—Grafting grape cuttings—Olives—Nuts as food—Coffee substitutes—The working of a pure-food law—Feeding moldy corn—Seiling eggs by weight—Flavor of eggs—Unfermented grape juice.

124.—Experiment Station Work—XVII. Pp. 32, figs. 6.

CONTENTS: Distilled drinking water—Soil inoculation—Treatment of sandy soils—Lime as a fertilizer—Fertilizers for market-garden crops—Pecan culture—Weed destruction—Maple syrup and sugar—Value of cotton seed—Alfalfa silage—Forage crops for pigs—Grazing steers—Type of the dairy cow.

125.—Protection of Food Products from Iujurious Temperatures.

Pp. 26.

CONTENTS: Shipment of perishable products—Cars, appliances, and methods—Fresh meats—Dairy products and eggs—Fish and oysters—Fruits and vegetables—Storage of apples, potatoes, other vegetables, and tropical fruits—Temperatures favorable to slaughtering animals and preserving meats—Use of weather reports—Temperature tables.

126.—Practical Suggestions for Farm Buildlings. Pp. 48, figs. 28.

CONTENTS: Location of the buildings—Plan of the house—Two plans for farm residences: The foundation; the cellar; the frame; the floors; the roof the sheathing; the windows; the veranda; painting; interior finish—Barns and outbuildings—Silos—Sanitary arrangements.

127, revised.—Important Insecticides: Directions for their Preparation and Use. Pp. 45, figs. 6.

CONTENTS: Relation of food habits to remedies—Insecticides for external biting insects (food poisons): The arsenicals, Paris green, Scheele's green, arsenate of lead, and London purple and how to apply them—Insecticides for external sucking insects (contact poisons): Soaps, sulfur, pyrethrum, pure kerosene, crude petroleum, kerosene emulsions—The resin wash—The lime-sulfur-salt wash—The gas treatment—Dusting and spraying apparatus—Remedies for subterranean insects—Remedies for insects affecting stored grain and other products—Profit in remedial measures—General considerations.

128, revised.—Eggs and Their Uses as Food.

CONTENTS: Cooking and serving eggs—Description, composition, flavor, and digestibility of eggs—Place of eggs in the diet—Marketing and preserving eggs—Possible dangers from eating eggs—The egg industry.

129.—Sweet Potatoes. Pp. 40.

CONTENTS: Varieties—Soils and fertilization—Propagation of plants—Preparation of land—Planting—Cultivation—Harvesting—Shipping—Markets and prices—Storage—How to cook sweet potatoes—Exportation of sweet potatoes—Diseases and insect enemies—Sweet potatoes for stock feeding.

131.—Household Tests for the Detection of Oleomargarine and Renovated Butter. Pp. 11.

CONTENTS: Renovated or process butter—How it is made—How to distinguish genuine butter from renovated, and both from oleomargarine—Household tests: The boiling test and the Waterhouse test.

132.—The Principal Insect Enemies of Growing Wheat. Pp. 40, figs. 25.

CONTENTS: The chinch bug, preventives and remedies—The Hessian fly, preventive and remedial measures—The wheat midge, preventives—The wheat plant-louse—The wheat straw-worms—The army worms—The wheat sawflies.

133.—Experiment Station Work—XVIII. Pp. 32, figs. 14.

CONTENTS: Value of stable manure—Alfalfa as a fertilizer—Liming acid soils—Celery culture—The greenhouse in summer—Frost-resisting strawberries—Fumigator for fruit trees—Foundation in comb building—Ridding houses of flies—Slop for pigs—Profitable crops for pigs—Barley for horses—Water in butter—Losses in the silo.

134.—Tree Planting on Rural School Grounds. Pp. 32, figs. 17.

CONTENTS: Reasons for school-ground planting—Arbor Day and its celebration—What planting to do—Kinds of trees to plant—Obtaining the trees—How to plant trees—Why trees die in transplanting—Care of trees after planting—Studies for the teacher and school.

135.—Sorghum Sirup Manufacture. Pp. 40, figs. 26.

CONTENTS: Soil and climate as affecting quality of sirup—Varieties of sorghum suited to different localities—Planting, cultivating, and harvesting—

Grinding cane—Classification of juice—Claying—Liming—Filtering—Skimming—Evaporation—Setting—Decanting devices—Condensed statements of sorghum-sirup makers.

136.—Earth Roads. Pp. 24, figs. 20.

CONTENTS: Location—Drainage—Maintenance and repairs.

137.—The Angora Goat. Pp. 48, figs. 7.

CONTENTS: Description—Uses—Browsing and pasturage—Mohair and its manufactures—Meat and markets—The milk—The skins—Localities adapted to Angora raising—The care of Angora goats—Building up and management of a flock—Shearing and shedding—Diseases—Tariff—Registration associations.

138.—Irrigation in Field and Garden. Pp. 40, figs. 18.

CONTENTS: Determining levels—Measurement of small streams—Sources of water supply and their use—Distribution of irrigation water—Methods of applying water—When should water be applied?

139.—Emmer: A Grain for Semiarid Regions. Pp. 16, figs. 3.

CONTENTS: Use of incorrect names—Characteristics—History and distribution—Adaptation for cultivation in this country—Tests—Uses—Varieties—Use in wheat breeding—Cultivation.

140.—Pineapple Growing. Pp. 48, figs. 4.

CONTENTS: The pineapple family—Varieties—Climate—Soil—Gathering—Shipping—Cold storage—Markets—Prices—Starting without capital—Fertilizers—Mulching—Laying off the land—Planting—Cultivation—Irrigation—Canning—Diseases, insects, and injuries—Pineapple sheds—By-products.

141.—Poultry Raising on the Farm. Pp. 16, figs. 31.

CONTENTS: The kinds of fowls to keep—Improvement of breeds—Care of fowls—Popular varieties—Poultry houses—Coops—Feed troughs and drinking fountains—Ranging of fowls—Colonies—Poultry in combination with specialties in farming.

142, revised.—The Nutritive and Economic Value of Food. Pp. 48, charts 2.

CONTENTS: Chemical composition of the body and food—Food as building material and fuel—How the functions and nutritive value of food are learned—Food as a source of energy—Composition of common food materials—Digestion, assimilation, and excretion—Preparation of food—Dietaries and dietary standards—Adapting food to the needs of the body—Advantages of several meals a day—Pecuniary economy of food—Errors in our food economy.

143.—Conformation of Beef and Dairy Cattle. Pp. 44, figs. 44.

CONTENTS: Meaning and importance of conformation—Stock judging—A study of the details of conformation—Some typical animals, good, bad, and indifferent—Grading up common stock by crossing.

144.—Experiment Station Work—XIX. Pp. 32, figs. 9.

CONTENTS: Maintenance of soil fertility—Thomas slag—Rotation of crops—Gardening under glass—Winter irrigation of orchards—Improvement of American grapes—Condimental and medicinal cattle and poultry foods—Feeding rice meal to pigs—Dressing and packing poultry—The curing of cheese—An improved cow stall.

145.—Carbon Bisulphid as an Insecticide. Pp. 28.

CONTENTS: Properties of carbon bisulphid—Effects of inhaling vapor—Character as an insecticide—Uses in combating various insects—Incidental effects of treatment—Appendix: Chemical experiments with carbon bisulphid.

146.—Insecticides and Fungicides: Chemical Composition and Effectiveness of Certain Preparations. Pp. 16.

CONTENTS: Composition of Paris green, London purple, Bordeaux mixture, and several mixtures sold under trade names, with notes on value—Warning to buyers.

147.—Winter Forage Crops for the South. Pp. 40, figs. 24.

CONTENTS: Forage resources—Grasses—Cereals—Alfalfa—The clovers—Vetches—Rape.

148.—Celery Culture. Pp. 32, figs. 7.

CONTENTS: The soil and its preparation—Sowing the seed—Transplanting—Watering—Mulching—Cultivation—Fungous diseases and insect enemies—Blanching—Storing for winter—Profits—Varieties.

149.—Experiment Station Work—XX. Pp. 32, figs. 6.

CONTENTS: Muck or peat—Culture of potatoes—The farmer's vegetable garden—Shrinkage of farm products—Muskmelons—Soils and fertilizers for strawberries—Plum culture—Onion culture—Digestibility of milk—Shelter for dairy cows—Feed mills and windmills.

150.—Clearing New Land. Pp. 24, figs. 7.

CONTENTS: What land should be cleared—Cost of clearing—Methods of clearing—Pasturing—Cutting away timber—Use of dynamite—Use of machinery—Use of horses and oxen—Root systems of trees—Cultivation of new land—Crops adapted to new land.

151.—Dairying in the South. Pp. 48, figs. 4.

CONTENTS: Natural advantages of the South—Buildings—Water supply—Breeds of cows—Feeds and feeding—Utensils—Handling the milk—Selling milk—Butter making.

152, revised.—Scabies in Cattle. Pp. 32, figs. 15.

CONTENTS: Cause of scabies or mange—Transmissibility of mange—Disinfection—Treatment—Small dipping plants—Large dipping plant with swimming tank—Medium-sized plant with swimming tank—Dipping in oil—Mange in horses.

153.—Orchard Enemies in the Pacific Northwest. Pp. 39, fig. 1.

CONTENTS: Conditions affecting orchards in the coast region, in the inland valleys, and in the inland uplands—Legislation—Insecticides and their preparation—Fungicides and how to prepare them—Quack insecticides and fungicides—Insect pests—Bacterial and fungous diseases.

154.—The Home Fruit Garden: Preparation and Care. Pp. 16, figs. 6.

CONTENTS: General considerations—Soil—Planting—Pruning—Protection—Dwarfing—Grafting—Combining fruit and vegetables—Varieties of fruits for home gardens.

155.—How Insects Affect Health in Rural Districts. Pp. 20, figs. 16.

CONTENTS: Conditions in city and country—Sources of typhoid fever—Malaria—Protection from and prevention of typhoid and malaria—Mosquitoes and flies as bearers of disease—Yellow fever and other diseases.

156.—The Home Vineyard, with Special Reference to Northern Conditions. Pp. 24, figs. 15.

CONTENTS: Location—Soil, drainage, and fertilizers—Propagation of the vine—Planting—Supports and training—Pruning—Varieties—Sacking grapes—Insect enemies and remedies—Fungous diseases and treatment—Preparation of spraying mixtures—Applying fungicides.

157.—The Propagation of Plants. Pp. 24, figs. 22.

CONTENTS: Means by which plants are reproduced—Propagation by means of seeds, cuttings, layering, grafting, and budding.

158.—How to Build Small Irrigation Ditches. Pp. 28, figs. 9.

CONTENTS: Methods of running grade lines—Selection of site for head gate and choice of ditch line—Laying out field laterals—Methods of applying water—When to irrigate—Cost of building and maintaining a ditch.

159.—Scab in Sheep. Pp. 48, figs. 17.

CONTENTS: Cause and description of common sheep scab—Conditions which may be mistaken for scab—Treatment—Dipping, and kinds of dips—Dipping plants—Federal laws and regulations relative to sheep scab.

161.—Practical Suggestions for Fruit Growers. Pp. 30, figs. 8.

CONTENTS: The location of the orchard—Varieties—Pruning—Fertilizing—Cover crops—Tillage—Marketing the product—Sprays and spraying—Spraying apparatus—Aid to be derived from U. S. Department of Agriculture and State Experiment Stations.

162.—Experiment Station Work—XXI. Pp. 32, figs. 3.

CONTENTS: Value of barnyard manure—Nitrate of soda for market-garden crops—Cooking meat—Sugar-beet products—Feeding horses—Plant poisonous to horses—Fattening beef cattle—Profit from dairy cows—Shearing as affecting gains made by lambs—Salt pork and bacon—Purifying milk—Cheese prints—Draft of farm wagons—The disk plow.

164.—Rape as a Forage Crop. Pp. 16, fig. 1.

CONTENTS: Description and varieties of rape—Soil requirements—Seeding and cultivation—Harvesting—Feeding value—Danger from bloating—Rape as a catch crop, a cover crop, and a weed destroyer—Notes on growing rape in several States.

165.—Silkworm Culture. Pp. 32, figs. 15.

CONTENTS: The life of the silkworm—The food of the silkworm— Implements needed—Silkworm eggs—Rearing silkworms—Preparations for spinning—Preparing cocoons for market—Diseases of silkworms.

166.—Cheese Making on the Farm. Pp. 16, figs. 3.

CONTENTS: How to make dairy-farm cheese—How to make small cheese—Print cheese—Pot cheese—Neufchâtel cheese—Cream cheese—Notes for home cheese making.

167.—Cassava. Pp. 32, figs. 11.

CONTENTS: Varieties, bitter and sweet—Historical review—Region for growing limited by frost—Soil and moisture requirements—Fertilizers—Planting and cultivation—Diseases—Harvesting—Yield and profit—Cassava as a stock feed—Cassava for starch.

168.—Pearl Millet. Pp. 16, figs. 3.

CONTENTS: Description—Common names—Origin and history—Pencilaria of Mand's Wonder Forage Plant—Culture of pearl millet—Yield—Feeding value—Pearl millet for soiling, for silage, and for hay.

169.—Experiment Station Work—XXII. Pp. 32, figs. 6.

CONTENTS: Pure water for cows—When to cut forage crops—Lippia, or fog fruit—Pithiness in celery—Irrigation of strawberries—Farmers' fruit garden—Management of orchards—Tropical and subtropical fruits—China asters—Preserving sweet potatoes—Food value of beans—Tankage for pigs—Remedies for fleas.

170.—Principles of Horse Feeding. Pp. 44.

CONTENTS: Principles of nutrition—Composition and comparative value of various feeding stuffs—Methods of feeding—Fattening horses for market—Watering horses—Digestibility of feeds—Rations and feeding standards—Muscular work and its effect on feed requirements.

172.—Scale Insects and Mites on Citrus Trees. Pp. 43, figs. 34.

CONTENTS: Influence of cultivation, pruning, and climate—Nature of injury done—Natural enemies—The gas treatment—Sprays and spraying—The armored scales—The unarmored scales—The white fly—The rust mite or silver mite—The six-spotted mite.

173.—A Primer of Forestry. Pp. 48, figs. 33.

CONTENTS: The life of the tree—Trees in the forest—The life of the forest—Enemies of the forest—Grazing in the forest—Destructive lumbering—Insects and fungi—Wind and snow in the forest—Forest fires and means of defense.

174.—Broom Corn. Pp. 32, figs. 10.

CONTENTS: Description of the plant—Local factors influencing production—Importance of good seed—Planting—Cultivation—Harvesting—Drying—Baling—Marketing—Profits—Diseases—Statistics.

175.—Home Manufacture and Use of Unfermented Grape Juice.

Pp. 16, figs. 8.

CONTENTS: Composition of the grape—Causes of fermentation—Preventing fermentation—Home manufacture—Useful appliances—Composition of unfermented grape juice—Flavor and quality—Uses and food value—A few good recipes.

176.—Cranberry Culture. Pp. 20, figs. 12.

CONTENTS: Species and description—Conditions essential to success—Propagation and planting—Cultivation—Flooding—Harvesting, storing, and marketing—Varieties.

177, revised.—Squab Raising. Pp. 32, figs. 11.

CONTENTS: Buildings—Varieties of pigeons—Breeding—Feeds and feeding—Management—Killing, dressing, and marketing—Diseases, parasites, and remedies.

178.—Insects Injurious to Cranberry Culture. Pp. 32, figs. 12.

CONTENTS: Insects that attack the foliage—Insects that attack the stem—Insects that attack the fruit—The ideal cranberry bog.

179.—Horseshoeing. Pp. 30, figs. 18.

CONTENTS: Anatomy of the horse's foot—The hoof—Forms of feet—Preparation of hoof for shoeing—Characteristics of the shoe—Shoes for different hoofs—Hot fitting—The bar shoe—The rubber pad—Shoeing to prevent interfering.

181.—Pruning. Pp. 39, figs. 25.

CONTENTS: Growth under natural and artificial conditions—Reasons for pruning—When and how to prune—Pruning implements—How to prune the different species of orchard plants.

182.—Poultry as Food. Pp. 40.

CONTENTS: Varieties of poultry—Feeding—Fattening—Dressing and marketing—Marks of good poultry—Cooking—Potted and canned poultry—Composition, digestibility, and nutritive value of poultry and poultry products—Cost of poultry—Place in the diet.

183.—Meat on the Farm: Butchering, Curing, and Keeping. Pp. 38, figs. 35.

CONTENTS: Selection of animals—Preparation of animals for slaughter—Killing and dressing cattle—Killing and dressing of hogs and sheep—Dressing poultry—Cooling the carcass—Cutting up meat—Keeping fresh meat—Curing meat—Recipes for curing.

184.—Marketing Live Stock. Pp. 40.

CONTENTS: Buying and selling in country districts—Periodical auction sales—Rules and methods in Chicago horse market—Prominent metropolitan markets—Inspection of stock—The abattoir and the packing house—Market classification of live stock—Shipment of stock by railway—The export trade.

185.—Beautifying the Home Grounds. Pp. 24, figs. 8.

CONTENTS: Planting plan—Walks and drives—The greensward—Shrubs—Deciduous trees—Evergreens—Tall grasses—Vines—Cultural suggestions.

186.—Experiment Station Work—XXIII. Pp. 32, figs. 9.

CONTENTS: Losses in manure—Macaroni wheats—Sterilizing greenhouse soils—Tomatoes under glass—Protection of peach buds—Dandelions in lawns—Apple pomace for cows—Rations for laying hens—Early molting hens—Evaporation from incubator eggs—Keeping quality of butter—Curing cheese in cold storage.

187.—Drainage of Farm Lands. Pp. 40, figs. 19.

CONTENTS: Structure of soils—Surface drainage—Underdrainage—Construction of open ditches—Ditching machines—Tiles and their use—Locating the drains—Surveys and grades—Laying the tiles—Cost and profit—Drainage of irrigated lands.

188.—Weeds Used in Medicine. Pp. 47, figs. 31.

CONTENTS: Collection and curing of drugs—Roots, barks, leaves, flowers, and seeds—Disposal of the drugs—Description of plants: Burdock, dandelion, docks, couch grass, pokeweed, foxglove, mullein, lobelia, tansy, gum plant, scaly grindelia, boneset, catnip, hoarhound, blessed thistle, yarrow, Canada fleabane, jimson weed, poison hemlock, American wormseed, black mustard, white mustard.

190.—Experiment Station Work—XXIV. Pp. 32, figs. 14.

CONTENTS: Cost of eggs in winter—The chicken mite—Soiling crops—Profitable and unprofitable cows—Methods of milking—Coating cheese with paraffin—The octagonal silo—Ventilation of stables—Disposal of diseased carcasses.

192.—Barnyard Manure. Pp. 32, figs. 4.

CONTENTS: Manure as a farm resource—Amount, composition, and value of manure produced by different animals—Value of solid and liquid parts—Influence of age and kind of animal, quality and quantity of food, nature and proportion of litter—Management of manure—Use of manure—Combining manure with fertilizers—Effects of barnyard manure.

193.—Experiment Station Work—XXV. Pp. 32, figs. 9.

CONTENTS: Watermelons in the North—Watermelon culture in Georgia—Muskmelon culture in the North—Rockyford muskmelon—Cold storage of fruits—Selection of seed corn—Bread and toast—Cooking meat—Bitter milk.

194.—Alfalfa Seed. Pp. 14, figs. 8.

CONTENTS: Description of seed—Adulteration—Imported seed—Weed seeds—Home testing—Testing by U. S. Department of Agriculture.

195.—Annual Flowering Plants. Pp. 48, figs. 55.

CONTENTS: Use of plants about a dwelling—School gardens—General cultural suggestions—Hotbeds—Cold frames—Pits—Descriptions and directions for the culture of more than seventy flowering plants.

196.—Usefulness of the Toad. Pp. 16.

CONTENTS: Life history and habits—Food of the toad—The toad's capacity for good—Natural enemies—How the toad may be made useful—Study of the toad.

197.—Importation of Game Birds and Eggs for Propagation. Pp. 30, fig. 1.

CONTENTS: Number, kinds, source, and destination of game birds imported—Importation of eggs—Experiments abroad in introducing game birds—State experiments—Difficulties.

198.—Strawberries. Pp. 24, figs. 15.

CONTENTS: Propagation—Field culture—Soil—Fertilizers—Selecting the plants—Pollination—When and how to set plants—Mulching—Harvesting and shipping—Forcing for winter fruit—Varieties.

199.—Corn Growing. Pp. 32, figs. 23.

CONTENTS: Possibility of doubling present yield—Improvement in seed—I improvement in soil conditions—Soil washing and its prevention—Absorption and retention of rainfall—Fertilizers and crop rotation—Improvements in method of cultivation—Fall plowing—Depth of plowing—Planting—Importance of thorough early cultivation—Depth and frequency of cultivation—Kinds of cultivation.

200.—Turkeys: Standard Breeds and Management. Pp. 40, figs. 12.

CONTENTS: Origin of the domestic turkey—Present condition of the industry—The standard breeds—Selection and treatment of breeding stock—Egg laying, incubation, and hatching—Growing the poult—Feeding for market—Feeding stock turkeys—Marketing—Insect parasites and diseases.

201.—The Cream Separator on Western Farms. Pp. 24.

CONTENTS: Advantages of the cream separator to the dairyman—The farm separator: Its care and management—Management of cream on the farm—Delivering the cream—Results of investigations made in Kansas—The creamery's responsibility—Cream grading.

202.—Experiment Station Work—XXVI. Pp. 32, figs. 9.

CONTENTS: Reclamation of flood-damaged lands—Mulching vegetables and fruits—Cultivation of orchards—Thinning apples—Pop corn—Fruit for farm animals—Protein for dairy cows—Cost of raising calves and pigs—Manufacture of sage cheese—Manufacture of cottage cheese—A cheap fruit evaporator.

203.—Canned Fruit, Preserves, and Jellies. Pp. 32, figs. 5.

CONTENTS: Fresh and preserved fruit for the market—Principles of canning and preserving—Utensils needed for canning and preserving—Selection and preparation of the fruit—Making syrup for use in canning and preserving—Canning fruit—Preserving fruit—Making jelly—Canned or bottled fruit juices.

204.—The Cultivation of Mushrooms. Pp. 24, figs. 10.

CONTENTS: The cultivated mushroom—Commercial mushroom growing—Causes of failure—Temperature and moisture—Caves, cellars, and houses—Preparing the manure—Preparing the beds—Spawning—Casing the beds—Watering—Picking and preparing for market—Market prices—Old beds—Mushroom enemies—Mushroom spawn and its preparation—Storage of spawn.

205.—Pig Management. Pp. 40, figs. 22.

CONTENTS: Houses, inclosures, fences, etc.—The foundation herd—Feed and management—Sanitation in the hog lot.

206.—Milk fever: Its Simple and Successful Treatment. Pp. 16, figs. 2.

CONTENTS: Name of disease and synonyms—Description of disease—Predisposition and cause—Symptoms—Appearance after death—Prognosis and mortality—Treatment—Prevention.

208.—Varieties of Fruits Recommended for Planting. Pp. 48, fig. 1.

CONTENTS: Fruit districts of United States—Recommendation of varieties of apples, grapes, peaches, pears, plums, berries, etc., for each district.

209.—Controlling the Boll Weevil in Cotton Seed and at Ginneries.
Pp. 32, fig. 1.

CONTENTS: Control of boll weevil in seed by fumigation—Controlling the boll weevil at ginneries—Present systems of handling and ginning seed cotton—Suggested improvements in devices for handling and ginning cotton—Controlling the boll weevil at oil mills.

210.—Experiment Station Work—XXVII. Pp. 32, figs. 7.

CONTENTS: Hen manure—Nitrate of soda for field crops—Varieties, culture, and quality of wheat—Breeding corn—Quality of irrigated crops—Shading strawberries and vegetables—Injuries to shade trees—Soft corn—Hay substitutes—Oak leaves as forage—The covered milk pail—Canning cheese—Millet seed for hogs—Fertilizers for potatoes.

211.—The Use of Paris Green in Controlling the Cotton Boll Weevil.
Pp. 22.

CONTENTS: Experiments conducted by the U. S. Department of Agriculture—Treatment of small areas, with careful examinations—Treatment of large areas during season of 1904—Experiments conducted by various planters—Some reasons for apparent effectiveness of Paris green.

213.—Raspberries. Pp. 38, figs. 25.

CONTENTS: Method of propagation—Selection and preparation of soil—Planting—Cultivation—Fertilizers—Pruning—Harvesting the fruit—Evaporation—Winter protection—Varieties adapted to each fruit district of the United States.

215.—Alfalfa Growing. Pp. 40, figs. 8.

CONTENTS: History—Description of the plant—Turkestan alfalfa—Distribution and amount of crop—Conditions required by alfalfa—Cultivation—Alfalfa for hay—Pasturing alfalfa—Alfalfa for silage—Alfalfa as a soiling plant—Enemies of alfalfa—Feeding value of alfalfa—Other uses of alfalfa—Seed production—Alfalfa in a rotation.

216.—The Control of the Boll Weevil, Including Results of Recent Investigations. Pp. 32, figs. 5.

CONTENTS: Recommendations—Description of the boll weevil—Territory affected—Damage caused by the boll weevil—A variety test—Conclusions regarding the use of fertilizers—Relation between seppa cotton and weevil damage—Experiment in deferred planting—Controlling the boll weevil in cotton seed and at ginneries—Supposed immunity of Mexican cottons—Futile methods suggested for control—Quarantines against the boll weevil—Suggestions for a uniform State boll-weevil law—Present quarantines of the several States.

217.—Essential Steps in Securing an Early Crop of Cotton. Pp. 16.

CONTENTS: The specific steps to secure early maturity—The preparation of the soil—Fertilizers—Selecting the variety and planting—Spacing the plants—Cultivating the crop—Clearing away the plants in the autumn.

218.—The School Garden. Pp. 40, figs. 33.

CONTENTS: Value of school garden work—The individual school garden—Type of plants for the garden—A vegetable garden—Rotation of crops—Combination vegetable and flower garden—Cultural suggestions—Vegetables—Flowering plants—Laboratory exercises—Studies of soil—Studies of plants—Studies of roots—Studies of stems—Studies of leaves—Studies of cuttings—Studies of grafts—Studies of budding—Window boxes for schoolrooms—Specimen plants for schoolrooms—The decoration of school grounds.

219.—Lessons from the Grain-Rust Epidemic of 1904. Pp. 24, figs. 6.

CONTENTS: The nature of the rust doing the damage—Reasons for unusual abundance of rust in 1904—Planting seed damaged by rust—The use of rusted straw in stock feeding—Varieties of cereals resistant to rust—Early varieties of grain that escape rust—The importance of growing hard winter wheats—Seed selection with reference to rust resistance—Drainage and clean cultivation—Infection from rusted grasses.

220.—Tomatoes. Pp. 32, figs. 13.

CONTENTS: Types of tomatoes—Lengthening the growing season—The tomato as a field crop at the North—The tomato as a field crop at the South—Forcing tomatoes—Type of greenhouse—The tomato as a field crop for canneries—The diseases of the tomato.

221.—Fungous Diseases of the Cranberry. Pp. 16, figs. 11.

CONTENTS: Diseases: Cranberry blast; cranberry scald; cranberry rot; cranberry anthracnose—Remedies and treatment—Fungicides—Methods of application—Cost of treatment.

222.—Experiment Station Work—XXVIII. Pp. 32, fig. 1.

CONTENTS: Home mixing of fertilizers—Growing sweet-corn seed in the South—Kherson oats—Cowpea hay—Weight per quart of feeding stuffs—Suggestions regarding grain rations—Recent horse-feeding tests—Market classes and grades of swine—Silage in place of grain for dairy cows.

223.—Miscellaneous Cotton Insects in Texas. Pp. 23, figs. 29.

CONTENTS: Cutworms—Plant-lice—The garden webworm—The white-lined sphinx caterpillar—Grasshoppers—Wingless May beetles—The salt-marsh caterpillar—The arge tiger moth—The beet army worm—The fall army worm—The Io moth—The cotton-boll cutworm—Leaf-cutting ant—The stalk borer—The cotton stalk borer—The snowy tree cricket—The cotton square borer—Cotton “sharpshooters”—The cotton leaf-bug—Other plant-bugs—Click-beetle—The cowpea-pod weevil—*Bruchus amicus* Horn—Acorn weevils—Blister beetles.

224.—Canadian Field Peas. Pp. 16, figs. 4.

CONTENTS: Various uses of the pea crop—Why the pea crop has been neglected—Areas adapted to pea culture in the United States—Growing peas for different purposes—How the peas are grown.

225.—Experiment Station Work—XXIX. Pp. 32, figs. 6.

CONTENTS: Injury to agriculture by smoke and gases—Incompatibles in fertilizer mixtures—Value of flint varieties of corn—Buying and judging seed corn—Tobacco seed—Cowpea seed—Treating seed oats for smut—Potato culture—Further points in tomato growing—Influence of feed on milk—Protecting cows from flies—Recent experiments with turkeys—Grit and mineral matter for chickens—A successful brooder house—Camembert cheese making in the United States—Prevention of swelling in canned peas.

226.—The Relation of Coyotes to Stock Raising in the West. Pp. 24, fig. 1.

CONTENTS: General habits of coyotes—Food of coyotes—Destruction of coyotes—Protection against coyotes.

227.—Experiment Station Work—XXX. Pp. 32, figs. 2.

CONTENTS: Top-dressing grass land—Expansion of the corn-growing area—Culture of peanuts for forage—Winterkilling of fruit trees—Cranberry culture—Lime-sulphur-salt wash—Destroying prairie dogs—Clean milk—Construction and ventilation of poultry houses.

228.—Forest Planting and Farm Management. Pp. 22, figs. 3.

CONTENTS: Forestry and farm designing—The need of forest planting—Mistakes of the past—Preparation of a planting plan—A concrete example—A model prairie farm plan—Trees and methods recommended—Special features of forest planting about the farmstead.

229.—The Production of Good Seed Corn. Pp. 23, figs. 10.

CONTENTS: General demand for well-bred seed corn—Improved strains needed for different localities—An opportunity for progressive farmers—Important characters a corn should possess—Methods of corn breeding outlined—The increase field—Importance of following a method of corn improvement—Care of seed corn—Testing the germination of seed corn—Selection and care of seed corn.

231.—Spraying for Cucumber and Melon Diseases. Pp. 24, figs. 8.

CONTENTS: Descriptions of diseases—Disease resistance—Spraying experiments—Practical conclusions relative to methods of spraying—Equipment—Preparation of Bordeaux mixture—Cost of spraying—Profits—Spraying, a form of insurance—When to begin spraying—Effects—Control in the greenhouse.

232.—Okra: Its Culture and Uses. Pp. 16, figs. 8.

CONTENTS: Botany and geography of the plant—The soil and its preparation—Planting the seed—Cultivation—Gathering and marketing—Cultivation for seed—Insect enemies and their control—Uses—Methods of preparing for the table—Varieties.

233.—Experiment Station Work—XXXI. Pp. 32, figs. 5.

CONTENTS: Root systems of plants—Fertilizers for asparagus—Mushroom culture—Onions in the Southwest—Ether forcing of rhubarb—Noodles—Conditional feeds—Beef vs. dairy type for beef production—Feeding skim-milk calves—Animal food for ducks—Milk from diseased cows—Cider vinegar.

234.—The Guinea Fowl and its Use as Food. Pp. 24, figs. 3.

CONTENTS: Varieties of guinea fowl—Habits and care—Marketing guinea fowl—Price of guinea fowl—Cooking of guinea fowl—Guinea hens' eggs—Composition and food value of the flesh and eggs of guinea fowl.

235.—Cement Mortar and Concrete: Preparation and Use for Farm Purposes. Pp. 32, figs. 14.

CONTENTS: Cement—Cement mortar—Materials for making concrete—Concrete sidewalks, basement floors, stable floors and driveways, and steps—Reinforced concrete fence posts—Concrete building blocks.

236.—Incubation and Incubators. Pp. 32, figs. 11.

CONTENTS: Importance of the incubator—A study of eggs for incubation—The incubator—Hot air, hot water—Parts of an incubator—Defects and good points—How to operate an incubator—Summary of directions.

237.—Experiment Station Work—XXXII. Pp. 32, figs. 6.

CONTENTS: Lime and clover—Plant-food requirements of fruit trees—Apple growing in New York—Running out of seed wheat—High-protein seed wheat—Tobacco-seed selection—Cover crop for tobacco fields—Cereal breakfast foods—Damaged wheat as feed—Bedding for cows—Amateur poultry raising—Care of cream on the farm—Paying the patrons of creameries—Gassy fermentation of Swiss cheese—Yeast as a disinfectant.

238.—Citrus Fruit Growing in the Gulf States. Pp. 48, figs. 17.

CONTENTS: Climate—Soil—Site of the grove—Varieties—Preparation of the land—Setting out—Catch crops—Pruning—Fertilizers—Picking, washing, sorting, wrapping, packing, shipping, storing, marketing—Protecting trees against cold—Top working—Crown working—The nursery—Propagating by cuttings—Budding.

239.—The Corrosion of Fence Wire. Pp. 32.

CONTENTS: Manufacture of iron and steel—Processes—Manufacture of wire—Investigation of the causes of fence-wire corrosion—Process of galvanizing wire—Relative resistance of wrought iron and steel—Estimating weight of zinc covering carried by a galvanized wire.

240.—Inoculation of Legumes. Pp. 8.

CONTENTS: Directions for using cultures—To inoculate seed—To inoculate soil—When inoculation is desirable—When useless—When inoculation will be a failure—Confusion of nematode galls with nodules—Danger in inoculation by soil transfer.

241.—Butter Making on the Farm. Pp. 32.

CONTENTS: Cause of changes in milk—Milking the cow—The barn—Milk utensils and their care—Handling of milk after it is drawn—The cream separator and its operation—Separating the milk—Ripening the cream—The acid test—The churn—Churning—Working, packing, marketing the butter—Patronizing creameries—Storing or holding for market.

242.—An Example of Model Farming. Pp. 16, figs. 5.

CONTENTS: How the soil was improved—Systematic management—The products sold—Hands employed and methods of work—The cows and their feed—Crops and management—Handling the manure—Curing hay.

243.—Fungicides and Their Use in Preventing Diseases of Fruits. Pp. 32, figs. 17.

CONTENTS: Fungicides and their preparation—The treatment of some important diseases—Types of spray outfits—How to obtain success in spraying—Identification of plant diseases.

244.—Experiment Station Work—XXXIII. Pp. 32, figs. 6.

CONTENTS: Handling seed corn—Adaptation of seed corn—Effect of root nodules on composition of crops—Fumigation of nursery stock—Cooking quality of potatoes—Food value of cottage cheese, rice, peas, and bacon—Methods of feeding poultry—Extermination of cattle ticks—Covered yards for cows.

245.—Renovation of Worn Out Soils. Pp. 16.

CONTENTS: Differences in natural fertility—Nature of the soil—Mineral plant food—Nitrogen compounds—Soil moisture and humus—Soil air—Substances thrown off in the soil by growing plants—Effects of tillage—Effect of plowing when too wet or too dry—Terracing and soil washing—Improving the soil—Types of farming that build up the soil.

246.—Saccharine Sorghums for Forage. Pp. 38, figs. 7.

CONTENTS: Origin and classification of sorghums—Introduction into the United States—Area and importance of crop—Varieties of saccharine sorghums—Conditions of growth—Effect on land—Resistance to alkali and drought—Methods of culture—Yield—Uses—Chemical composition—Digestibility.

247.—The Control of the Codling Moth and Apple Scab. Pp. 23, figs. 9.

CONTENTS: The codling moth—Losses due to the codling moth—Distribution—Fruits infested—Life history—Natural enemies—Measures used against the codling moth—Apple scab—Losses due to apple scab—How to make and use Bordeaux mixture—Spraying.

248.—The Lawn. Pp. 20, figs. 5.

CONTENTS: General characteristics of lawns—Grading and preparation of soil—Fertilization—Grasses adapted to lawn making—Seed—Establishing a lawn—Walks and drives, trees and shrubs in a lawn.

249.—Cereal Breakfast Foods. Pp. 36.

CONTENTS: Grains used for breakfast foods—Preparation of modern cereal breakfast foods—Nutrients and energy of cereal breakfast foods—Digestibility—Wheat preparations—“Predigested” and “malted” breakfast foods—Cooking—Cost—Breakfast cereals prepared at home—Place of cereal breakfast foods in the diet—Cereal products as coffee substitutes.

250.—The Prevention of Stinking Smut of Wheat and Loose Smut of Oats. Pp. 15, figs. 7.

CONTENTS: Importance of treating seed wheat—Principal treatments for wheat smut—Sar treatment—Bluestone and lime—Formalin—Hot water—Handling seed after treatment—Treatment for loose smut in oats—Treating a small field of grain for seed.

251.—Experiment Station Work—XXXIV. Pp. 32, fig. 1.

CONTENTS: American sugar-beet seed—Stimulants for seeds—Profits from spraying potatoes—Winter-injured fruit trees—Durum wheat—Fertility of eggs—Indoor vs. outdoor feeding of steers—Roughage for steers—Cheap dairy rations—Cotton-seed meal for hogs.

252.—Maple Sugar and Sirup. Pp. 36, figs. 9.

CONTENTS: History of the maple-sugar industry—Present status of the industry—Past and present output of sugar and sirup—Sugar mixers and fabricators and their work—Necessity for sugar-makers’ organizations—Sugar maples—Sugar groves—Maple sap—Manufacture of sugar and sirup.

253.—The Germination of Seed Corn. Pp. 16, figs. 4.

CONTENTS: Value of a germination test—Average yield of corn to the acre—Testing individual ears—Selecting seed ears—Numbering the ears—The germination box—Results of tests.

254.—Cucumbers. Pp. 32, figs. 14.

CONTENTS: Growing cucumbers for early market in the open—Growing cucumbers for early market in cold frames—Growing cucumbers for pickling purposes—Forcing cucumbers under glass.

255.—The Home Vegetable Garden. Pp. 48, figs. 44.

CONTENTS: Location and arrangement—Preparation for the soil—Seeds and plants—Cultivation of garden crops—Irrigation of garden crops—Precautions to avoid insects and diseases—Cultural hints—Gardeners' planting table.

256.—Preparation of Vegetables for the Table. Pp. 48.

CONTENTS: Structure and composition—Classification—General principles underlying vegetable cooking—Blanching vegetables as a cooking process—Waste in preparing—Losses in cooking—Changes that take place in cooking—Recipes for cooking vegetables—Vegetable soups—Seasoning and sauces for vegetables—Salads and salad dressings.

257.—Soil Fertility. Pp. 40, figs. 2.

CONTENTS: Definition of fertility—Plants must breathe—Plants must drink—Plants must feed—Plants must have a proper sanitary environment—Paraffin-pot method of testing the fertilizer requirements of soils—Questions and answers—Wire-basket method of determining the manurial requirements of soils.

258.—Texas or Tick Fever and Its Prevention. Pp. 46, figs. 6.

CONTENTS: Name and synonyms—Definition—History—Cause of the disease—Life history of the cattle tick and the part played by it in producing Texas fever—How to distinguish from harmless ticks—Some objections to the rôle of ticks as carriers of Texas fever, with explanations—Injurious effects—Loss occasioned by cattle ticks—Period of development of disease after exposure—Appearance after death—Course and termination—Infective character—Animals affected—Diseases mistaken for Texas fever—Treatment—Prevention—Federal sanitary regulations and other important measures for reducing the infected area.

259.—Experiment Station Work—XXXV. Pp. 32, figs. 3.

CONTENTS: Use of commercial fertilizers—Weight of lime per bushel—Spreading lime—Soil sterilization—Weights per bushel of seeds—Disease-resistant crops—Corn billbug and root-louse—Asparagus rust and its control—Alfalfa meal as a feeding stuff—Singed cacti as forage—Cattle feeding in the South—Milk fever—Nail wounds in horses' feet—Use of a cheap canning outfit.

260.—Seed of Red Clover and Its Impurities. Pp. 24, figs. 39.

CONTENTS: Importance of red clover—Quality of red clover seed—Imported seed—Adulteration—Mammoth or sapling clover—Home testing of seed—Seed testing by the United States Department of Agriculture—Change of seed—Weed seeds in red clover seed—Impurities in American-grown seed—Impurities in European-grown seed—Description of the seed of red clover—Description of weed seed most commonly found in red clover seed—Weed seeds indicating the source of clover seed.

261.—The Cattle Tick in Its Relation to Southern Agriculture.
Pp. 24.

CONTENTS: Difficulties of the cattle industry of the South—Effect of the tick on southern cattle—Possible progeny of one female tick—Increased tick infestation in small pasture—Drain on the animal by infestation and other troubles caused by the tick—The tick an obstacle to progress—Remedies and eradication of the tick—Losses caused by the tick—Benefits that would follow eradication.

262.—Experiment Station Work—XXXVI. Pp. 32, figs. 2.

CONTENTS: Water for table use—Phosphates—Winter wheat—Glutenous and starchy wheats—Dry farming—Methods of canning—Beet molasses and pulp—Feed lots—Guinea fowls—Color of eggs—Spraying for scale insects—White pine in New England.

263.—Practical Information for Beginners in Irrigation. Pp. 40, figs. 25.

CONTENTS: Selection and location of an irrigated farm—The water supply—Farm ditches—Preparation of land for irrigation—Irrigating different crops—How to lessen the waste of water—Right quantity of water to apply.

264.—The Brown-tail Moth and How to Control It. Pp. 24, figs. 10.

CONTENTS: The brown-tail moth in Europe—Introduction into America and subsequent spread—Description of the insect—Seasonal history—Damage to plants—Brown-tail rash—Natural enemies and parasites—Remedies—The Massachusetts law.

265.—Game Laws for 1906. Pp. 56, figs. 4.

CONTENTS: Legislation of 1906—Close seasons—Shipment of game—Sale—Licenses for hunting and shipping game—Appendix: Tables showing close seasons for game under county laws in Alabama, Maryland, and North Carolina.

266.—Management of Soils to Conserve Moisture, with Special Reference to Semiarid Conditions. Pp. 32, figs. 7.

CONTENTS: Movement of water in soils—The ideal tilth—Effect of tillage—Drainage—Subsoil plowing of drained lands—Subsoil plowing of lands not drained—Plowing—Cultivation to retain moisture in the soil—Conditions in the semiarid regions—Crops for the semiarid regions—Organic matter and the conservation of moisture.

267.—Experiment Station Work—XXXVII. Pp. 32, fig. 1.

CONTENTS: Breeding corn—Buckwheat—Sugar beets on alkali soils—Alfalfa as a forage plant—Apple bitter rot—Grass mulch for orchards—Hardiness of young fruit trees—Protecting cows from flies—Effect of silage on milk—Cold storage of cheese.

268.—Industrial Alcohol : Sources and Manufacture. Pp. 47, figs. 10.

CONTENTS: The denatured alcohol law—Industrial or denatured alcohol defined—Substances used for denaturing alcohol—Sources of potable alcohol—Alcohol defined—Agricultural sources of industrial alcohol—Composition and yield of alcohol-producing crops—Utilization of waste material or by-products—Manufacture of alcohol.

269.—Industrial Alcohol: Uses and Statistics. Pp. 31, figs. 10.

CONTENTS: Heating and illumination—Alcohol motors—Uses of denatured alcohol not directly entering into farm operations—Use of undenatured alcohol free of tax—Statistics on alcohol production.

270.—Modern Conveniences for the Farm Home. Pp. 48, figs. 26.

CONTENTS: The water supply—The house—Plumbing—Earth closets—Disposal of sewage—Disposal of ashes, garbage, and miscellaneous refuse—Heating systems—Examples of homes where some modern conveniences have been installed—Possibility of introducing modern conveniences into houses already built.

271.—Forage-crop Practices in Western Oregon and Western Washington. Pp. 40, figs. 4.

CONTENTS: Description of region—Haymaking—The silo—Nature of leguminous plants—Forage crops—Seeding timber burns and burnt slashings.

272.—A Successful Hog and Seed-corn Farm. Pp. 16, figs. 5

CONTENTS: System of management—Shelters—Watering device—Soy beans—Corn—Feeding value of each crop—Proposed change in cropping system—Substitutes used when clover fails—Labor—Financial results.

273.—Experiment Station Work—XXXVIII. Pp. 32, figs. 4.

CONTENTS: Loss of nitrogen from soils—Manure as affected by food—Continuous corn culture—Pasturing wheat—Storage of sweet potatoes—Rotting of potatoes in storage—Hog cots—The disinfection of stables—Effect of horsetail weeds on horses—Treatment of calf scours—Preserving eggs—Wheat bran—Testing individual cows—Clean milk—Cleanliness in the dairy—Grading cream—Paraffin in dairying.

ANNUAL REPORTS.

OFFICE OF THE SECRETARY.

Preliminary Report of the Secretary, 1897. James Wilson. 1897.
Pp. 54.

Same, 1898. James Wilson. 1898. Pp. 60.

Same, 1899. James Wilson. 1899. Pp. 68.

Same, 1900. James Wilson. 1900. Pp. 70.

Same, 1901. James Wilson. 1901. Pp. 107.

Same, 1902. James Wilson. 1902. Pp. 116.

Same, 1903. James Wilson. 1903. Pp. 100.

Same, 1904. James Wilson. 1904. Pp. 109.

Same, 1905. James Wilson. 1905. Pp. 125.

Report 83, 1906. James Wilson. 1906. Pp. 94.

Annual Reports of the Department, 1901. 1901. Pp. 459.

Same, 1902. 1902. Pp. 526.

Same, 1903. 1903. Pp. 668.

Same, 1904. 1904. Pp. 677.

Same, 1905. 1905. Pp. 703.

BUREAU OF ANIMAL INDUSTRY.

Report of Chief, 1889. By D. E. Salmon. 1890. Pp. 62.

Same, 1890. By D. E. Salmon. 1891. Pp. 58.

Same, 1891. By D. E. Salmon. 1892. Pp. 60.

Same, 1895. By D. E. Salmon. 1895. Pp. 13.

Same, 1896. By D. E. Salmon. 1896. Pp. 14.

Same, 1897. By D. E. Salmon. 1897. Pp. 14.

Same, 1898. By D. E. Salmon. 1898. Pp. 13.

Same, 1899. By D. E. Salmon. 1899. Pp. 20.

Same, 1900. By D. E. Salmon. 1900. Pp. 21.

Same, 1901. By D. E. Salmon. 1901. Pp. 28.

Same, 1902. By D. E. Salmon. 1902. Pp. 22.

Same, 1905. By D. E. Salmon. 1905. Pp. 34.

Same, 1906. By A. D. Melvin. 1906. Pp. 56.

DIVISION OF ACCOUNTS AND DISBURSEMENTS.

Report of Chief, 1905. By F. L. Evans. 1905. Pp. 10.

BIOLOGICAL SURVEY.

Report of the Ornithologist and Mammalogist,^a 1891. By C. Hart Merriam. 1892. Pp. 5.

^a Division of Ornithology and Mammalogy.

- Report of the Ornithologist and Mammalogist,^a 1896. By C. Hart Merriam. 1896. Pp. 3.
- Report of Chief, 1903. By C. Hart Merriam. 1903. Pp. 13.
- Same*, 1904. By C. Hart Merriam. 1904. Pp. 15.
- Same*, 1905. By C. Hart Merriam. 1905. Pp. 13.
- Report of the Acting Chief, 1906. By Henry W. Henshaw. 1906. Pp. 24.

BUREAU OF CHEMISTRY.

- Report of Chief, 1890. By H. W. Wiley. 1891. Pp. 60.
- Same*, 1896. By H. W. Wiley. 1896. Pp. 6.
- Same*, 1897. By H. W. Wiley. 1897. Pp. 5.
- Same*, 1898. By H. W. Wiley. 1898. Pp. 8.
- Same*, 1899. By H. W. Wiley. 1899. Pp. 18.
- Same*, 1900. By H. W. Wiley. 1900. Pp. 10.
- Same*, 1901. By H. W. Wiley. 1901. Pp. 17.
- Same*, 1902. By H. W. Wiley. 1902. Pp. 18.
- Same*, 1905. By H. W. Wiley. 1905. Pp. 29.
- Same*, 1906. By H. W. Wiley. 1906. Pp. 29.

BUREAU OF ENTOMOLOGY.

- Report of Chief, 1889. By C. V. Riley. 1889. Pp. 31.
- Same*, 1891. By C. V. Riley. 1891. Pp. 30.
- Same*, 1892. By C. V. Riley. 1893. Pp. 28.
- Same*, 1898. By L. O. Howard. 1898. Pp. 9.
- Same*, 1900. By L. O. Howard. 1900. Pp. 8.
- Same*, 1901. By L. O. Howard. 1901. Pp. 10.
- Report of the Acting Chief, 1902. By C. L. Marlatt. 1902. Pp. 17.
- Report of Chief, 1903. By L. O. Howard. 1903. Pp. 17.
- Same*, 1905. By L. O. Howard. 1905. Pp. 30.
- Same*, 1906. By L. O. Howard. 1906. Pp. 29.

OFFICE OF EXPERIMENT STATIONS.

- Report of the Director, 1889. By W. C. Atwater. Index. 1900. Pp. 60.
- Same*, 1891. By A. W. Harris. Index. 1892. Pp. 36.
- Same*, 1895. By A. C. True. 1895. Pp. 12.
- Same*, 1896. By A. C. True. 1896. Pp. 21.
- Same*, 1897. By A. C. True. 1897. Pp. 23.
- Same*, 1899. By A. C. True. 1899. Pp. 35.

^a Division of Ornithology and Mammalogy.

- Report of the Director, 1900. By A. C. True. 1900. Pp. 46.
Same, 1901. By A. C. True. 1901. Pp. 59.
Same, 1902. By A. C. True. 1902. Pp. 64.
Same, 1903. By A. C. True. 1903. Pp. 80.
Same, 1904. By A. C. True. 1904. Pp. 79.
Same, 1906. By A. C. True. 1906. Pp. 63.

DIVISION OF FOREIGN MARKETS.

- Report of Chief, 1898. By Frank H. Hitchcock. 1898. Pp. 4.

FOREST SERVICE (BUREAU OF FORESTRY).

- Report of Chief, 1892. By B. E. Fernow. 1893. Pp. 56.
Same, 1893. By B. E. Fernow. 1894. Pp. 62.
Same, 1897. By B. E. Fernow. 1897. Pp. 6.
Same, 1900. By Gifford Pinchot. 1900. Pp. 8.
Same, 1901. By Gifford Pinchot. 1901. Pp. 15.
Same, 1902. By Gifford Pinchot. 1902. Pp. 28.
Same, 1903. By Gifford Pinchot. 1903. Pp. 37.
Same, 1904. By Gifford Pinchot. 1904. Pp. 37.
Same, 1905. By Gifford Pinchot. 1905. Pp. 39.

DIVISION OF GARDENS AND GROUNDS.

- Report of Superintendent, 1900. By B. T. Galloway. 1900. Pp. 6.

LIBRARIAN.

- Report of the Librarian, 1900. By W. P. Cutter. 1900. Pp. 2.
Same, 1901. By Josephine A. Clark. 1901. Pp. 3.
Same, 1902. By Josephine A. Clark. 1902. Pp. 5.
Same, 1903. By Josephine A. Clark. 1903. Pp. 5.
Same, 1904. By Josephine A. Clark. 1904. Pp. 5.
Same, 1905. By Josephine A. Clark. 1905. Pp. 4.
Same, 1906. By Josephine A. Clark. 1906. Pp. 8.

BUREAU OF PLANT INDUSTRY.

- Report of Chief, 1901. By B. T. Galloway. 1901. Pp. 52.
Same, 1902. By B. T. Galloway. 1902. Pp. 62.
Same, 1905. By B. T. Galloway. 1905. Pp. 135.

DIVISION OF PUBLICATIONS.

- Report of Editor and Chief. 1903. By George Wm. Hill. 1903.
Pp. 70.
Same, 1904. By George Wm. Hill. 1904. Pp. 16.
Same, 1905. By George Wm. Hill. 1905. Pp. 78.
Same, 1906. By George Wm. Hill. 1906. Pp. 94.

OFFICE OF PUBLIC ROADS.

- Report of the Director, 1901. By Martin Dodge. 1901. Pp. 18.
Same, 1902. By Martin Dodge. 1902. Pp. 12.
Same, 1903. By Martin Dodge. 1903. Pp. 23.
Same, 1904. By Martin Dodge. 1904. Pp. 25.
Same, 1905. By Logan Waller Page. 1905. Pp. 16.
Same, 1906. By Logan Waller Page. 1906. Pp. 27.

BUREAU OF STATISTICS.

- Report of the Statistician, 1892. By J. R. Dodge. Index. 1893.
 Pp. 68.
Same, 1893. By Henry A. Robinson. Index. 1894. Pp. 2.
Same, 1895. By Henry A. Robinson. 1895. Pp. 19.
Same, 1896. By Henry A. Robinson. 1896. Pp. 8.
Same, 1898. By John Hyde. 1898. Pp. 4.
 Report of the Acting Statistician, 1903. By Edwin S. Holmes, jr.
 1903. Pp. 7.
 Report of the Statistician, 1904. By John Hyde. 1904. Pp. 8.
 Report of the Bureau of Statistics, 1905. By W. M. Hays, Assistant
 Secretary. 1905. Pp. 13.
 Report of the Chief of the Bureau of Statistics, 1906. By Victor H.
 Olmsted. 1906. Pp. 15.

CIRCULARS OF INFORMATION.

In Making Requests for these Circulars always give the Name of the
 Bureau or Division Publishing Same, as well as the Number of the Circular
 Desired.

DIVISION OF AGROSTOLOGY.

- Circular 3.—Saltbushes. Pp. 4, figs. 3.
 Circular 7.—Gram, Chick-pea, or Idaho Pea. Pp. 4, fig. 1.
 Circular 9.—New Species of North American Grasses. Pp. 7.
 Circular 10.—Poa Fendleriana and its Allies. Pp. 6.
 Circular 11.—The Flat Pea. Pp. 6, figs. 3.
 Circular 18.—Smooth Brome Grass. Pp. 9, figs. 2.
 Circular 21.—Cooperative Range Grass and Forage-Plant Experi-
 ments at Highmore, S. Dak. Pp. 10, fig. 1.
 Circular 23.—Progress of Experiments in Forage Crops and Range
 Improvement at Abilene, Tex. Pp. 20, fig. 1.
 Circular 31.—Bermuda Grass. Pp. 6, figs. 2.
 Circular 33.—Range Grass and Forage-Plant Experiments at High-
 more, S. Dak. Pp. 5.
 Circular 34.—Aristida Purpurea Nutt (Beard Grass). Pp. 8.

BUREAU OF ANIMAL INDUSTRY.

Circular 1, revised.—Directions for the Pasteurization of Milk. 1897.

P. 1.

Circular 2.—Wheat as a Food for Growing and Fattening Animals. Pp. 4.

Circular 4.—Crossing of Improved Breeds of Swine with the Common Hogs of Florida. Pp. 3.

Circular 5, revised.—The Direct Transmission of Infectious Enterohepatitis in Turkeys. Pp. 8, figs. 7.

This circular discusses the nature of the disease sometimes called blackhead.

Circular 11.—How to Select Good Cheese. 1896. Pp. 11.

Circular 14.—Check List of the Animal Parasites of Geese (*Anser domesticus*). 1896. Pp. 5.

Circular 15.—Check List of the Animal Parasites of Pigeons (*Columba livia domestica*). 1896. Pp. 4.

Circular 17.—Exports of Animals and Their Products. Pp. 3.

Circular 19.—Factory Cheese and How it is Made. Pp. 8.

Circular 23.—Directions for the Use of Blackleg Vaccine. Pp. 8.

Circular 28.—Letters Relating to the Distribution of Vaccine. Pp. 9.

Circular 31.—Blackleg: Its Nature, Cause, and Prevention. Pp. 22, fig. 1.

Circular 32.—The Imperial German Meat-Inspection Law. (In English and German.) Pp. 19.

Circular 35.—Treatment for Roundworms in Sheep, Goats, and Cattle. Pp. 8.

Circular 37.—Preliminary Report on Argentina as a Market for Pure-bred Cattle from the United States. Pp. 4.

Circular 38.—Foot-and-Mouth Disease, Warning to all Owners of Cattle, Sheep, and Swine. 1902. Pp. 3.

Circular 39.—The Water Content of Creamery Butter. Pp. 4.

Circular 41.—A Form of Hog Cholera Not Caused by the Hog Cholera Bacillus. Pp. 4.

Circular 42.—Information Concerning Common Goats. Pp. 14.

Circular 46.—The International Dairy Federation and International Congresses. Pp. 14.

Circular 47.—A New Parasite (*Strongylus quadriradiatus* n. sp.) Found in the Pigeon. 1904. Pp. 6, figs. 10.

Circular 48.—Scales of Points for Judging Cattle of Dairy Breeds. Pp. 14, fig. 1.

Circular 50.—Information for Importers of Animals for Breeding Purposes. Pp. 16.

Circular 51.—Mycotic Stomatitis of Cattle. Pp. 6.

Circular 53.—The Government's Importation of Camels. Pp. 21.

- Circular 54.—Pathological Report on a Case of Rabies in a Woman. Pp. 8, pl. 1.
- Circular 55.—Reindeer and Caribou. Pp. 14, pls. 7.
- Circular 56.—Facts Concerning the History, Commerce, and Manufacture of Butter. Pp. 24.
- Circular 57.—Invisible Microorganisms. Pp. 18.
- Circular 58.—Pulmonary Mycosis of Birds—With Report of a Case in a Flamingo. Pp. 17, pls. 5.
- Circular 60.—Certain Variations in the Morphology of Tuberclle Bacilli of Bovine Origin. Pp. 5, pls. 2.
- Circular 61.—The Desirability of Phosphates as an Addition to Culture Media for Tuberclle Bacilli. Pp. 3, pls. 2.
- Circular 62.—A Plan for the Improvement of American Breeding Stock. Pp. 10.
- Circular 63.—A Review of Some Experimental Work in Pig Feeding. Pp. 51.
- Circular 64.—A New Nematode (*Gongylonema ingluvicola*) Parasitic in the Crop of Chickens. Pp. 3, figs. 2.
- Circular 65.—Ophthalmia in Cattle. Pp. 2.
- Circular 66.—Osteomalacia, or Creeps, in Cattle. 1904. Pp. 2.
- Circular 67.—Abortion, or Slinking the Calf. Pp. 11.
- Circular 68.—Diseases of the Stomach and Bowels of Cattle. Pp. 10.
- Circular 69.—Texas Fever, or Southern Cattle Fever. Pp. 13.
- Circular 70.—Tuberculosis of Cattle. Pp. 28.
- Circular 71.—Anthrax in Cattle, Horses, and Men. Pp. 10.
- Circular 73.—Distribution and Magnitude of the Poultry and Egg Industry. Pp. 22, fig. 1.
- Circular 74.—United States and State Standards for Dairy Products, 1905. Pp. 2.
- Circular 75.—Feeding Fat into Milk. Pp. 43.
- Circular 76.—Dairy Methods in Great Britain, Ireland, Denmark, Holland, Channel Islands, France, Austria-Hungary, Germany, and Switzerland. Pp. 31.
- Circular 77.—Animal Breeding and Feeding Investigations by the Bureau of Animal Industry. Pp. 12, pl. 1.
- Circular 78.—Glanders and Farcy. Pp. 12.
- Circular 79.—The Tuberculin Test for Tuberculosis. Pp. 14.
- Circular 80.—Dairy Officials, Associations, and Educational Institutions of the United States for 1905. Pp. 12.
- Circular 81.—The Sheep Industry of England, Scotland, Ireland, and France. Pp. 17.
- Circular 83.—Danger of Infection with Tuberculosis by Different Kinds of Exposure. Pp. 22.

- Circular 84.—Enzymes in Cornstalks and their Relation to Corn-stalk Disease. Pp. 10.
- Circular 85.—The Tapeworms of American Chickens and Turkeys. Pp. 18, figs. 32.
- Circular 86.—Alfalfa for the Growing and Fattening of Animals in the Great Plains Regions. Pp. 26.
- Circular 87.—Hunter-Horse Production in Ireland. Pp. 37, pls. 8.
- Circular 88.—Highland Cattle. Pp. 15.
- Circular 89.—The Preparation of Emulsions of Crude Petroleum. Pp. 4.
- Circular 90.—Suggestions for Construction of a Modern Dairy Barn. Pp. 6, figs. 2.
- Circular 91.—Bacillus Necrophorus and its Economic Importance. Pp. 41.
- Circular 93.—The Life History of the Twisted Wireworm (*Hæmonchus contortus*) of Sheep and Other Ruminants. Pp. 7, figs. 2.
- Circular 94.—Foot Rot of Sheep. Pp. 21, fig. 1.
- Circular 95.—The Fécondity of Poland China and Duroc Jersey Sows. Pp. 12.
- Circular 96.—Actinomycosis, or Lumpy Jaw. Pp. 10.
- Circular 97.—How to Get Rid of Cattle Ticks. Pp. 4, fig. 1.
- Circular 98.—Some Unusual Host Relations of the Texas Fever Tick. Pp. 8.
- Circular 99.—Officials, Associations, and Educational Institutions Connected with the Dairy Interests of the United States for the Year 1906. Pp. 14.
- Circular 100.—A Rapid Method for the Determination of Water in Butter. Pp. 6, figs. 2.
- Circular 101.—The New Meat-Inspection Law and Its Bearing upon the Production and Handling of Meats. Pp. 16.

DIVISION OF BIOLOGICAL SURVEY.

- Circular 17.—Bird Day in the Schools. Pp. 4.
- Circular 29.—Protection and Importation of Birds under Act of Congress Approved May 25, 1900. Pp. 6.
- Circular 30.—Wild Animals and Birds Which may be Imported Without Permits. Order of the Secretary. P. 1.
- Circular 31.—Information Concerning Game: Seasons, Shipment, and Sale. Pp. 20.
- Circular 32, revised.—Directions for the Destruction of Prairie Dogs. Pp. 2.
- Circular 34.—Laws for the Protection of Birds and Game in the District of Columbia. Pp. 8.

- Circular 37.—Regulations for the Importation of Eggs of Game Birds for Propagation. Pp. 2.
- Circular 38.—Interstate Commerce in Birds and Game. Pp. 3.
- Circular 42.—Regulations for the Protection of Game in Alaska for the Year 1904. Pp. 6.
- Circular 43.—Definitions of Open and Close Seasons for Game. Pp. 8.
- Circular 50.—Directory of State Officials and Organizations Concerned with the Protection of Birds and Game, 1905. Pp. 16.
- Circular 52.—Directions for Destroying Pocket Gophers. Pp. 4.
- Circular 53.—Directory of Officials and Organizations Concerned with the Protection of Birds and Game, 1906. Pp. 16.
- Circular 54.—Statistics of Hunting Licenses. Pp. 24, figs. 6.

DIVISION OF BOTANY.

- Circular 4.—The Flat Pea. Pp. 7.
- Circular 5.—Giant Knotweed or Sachaline. Pp. 4, figs. 3.
- Circular 6.—Standards of the Purity and Vitality of Agricultural Seeds, 1896. Pp. 4.
- Circular 7.—Tumbling Mustard (*Sisymbrium altissimum*). Pp. 8, figs. 3.
- Circular 8.—Crimson Clover Hair Balls. Pp. 4, figs. 3.
- Circular 9.—Wild Garlic (*Allium vineale* L.), 1897. Pp. 8.
- Circular 11.—The Vitality of Seed Treated with Carbon Bisulphid. Pp. 5.
- Circular 12.—The Camphor Tree (*Cinnamomum camphora* Nees and Eberm.). Pp. 5, figs. 2.
- Circular 15.—Horse-Radish. Pp. 8.
- Circular 16.—The Section of Seed and Plant Introduction. Pp. 6.
- Circular 17.—Notes on the Plant Products of the Philippine Islands. Pp. 8.
- Circular 18.—Crimson Clover Seed, 1899. Pp. 4.
- Circular 19.—Hop Cultivation in Bohemia. Pp. 6.
- Circular 21.—Yams in the West Indies, 1900. Pp. 4.
- Circular 24.—Red Clover Seed, 1900. Pp. 5.
- Circular 25.—The Seed of Beardless Brome Grass. Pp. 5, fig. 1.
- Circular 27, revised.—Canada Thistle. Pp. 14, figs. 4.
- Circular 28.—Rubber Cultivation for Porto Rico. Pp. 12.
- Circular 30, revised.—List of Publications of the Division of Botany. Pp. 10.

BUREAU OF CHEMISTRY.

- Circular 1.—The Manufacture of Sorghum Sirup. Pp. 3.
- Circular 2.—Changes in and Additions to Methods of Analysis Adopted at 13th Annual Meeting of Association of Official Agricultural Chemists, Dec. 12, 1896. Pp. 6.

- Circular 3, second revision.—Proposed Reforms in Fertilizer-Inspection Laws. Pp. 4.
- Circular 10.—Methods for the Analysis of Insecticides and Fungicides. Pp. 8.
- Circular 13.—Extracts from the Proceedings of the Association of Official Agricultural Chemists, 1903. Pp. 14.
- Circular 14.—Organization of the Bureau of Chemistry. Pp. 15.
- Circular 15.—Results of Borax Experiments. Pp. 27.
- Circular 16, revised to April 1, 1906.—Officials Charged with the Enforcement of Food Laws in the United States and Canada. Pp. 29.
- Circular 17.—The Useful Properties of Clays. Pp. 12.
- Circular 18.—Suggestions to Importers of Food Products. Pp. 16.
- Circular 19, revised.—Methods for the Detection of Renovated Butter. Pp. 6.
- Circular 21.—Proposed Regulations Governing the Labeling of Imported Food Products. Pp. 2.
- Circular 24.—Analysis of the Mexican Plant *Tecoma Mollis* H. B. K. Pp. 6.
- Circular 26.—Extracts from the Proceedings of the Association of Official Agricultural Chemists, 1905. Pp. 16.
- Circular 28.—Provisional Methods for the Determination of Food Preservatives as Authorized by the Association of Official Agricultural Chemists, 1905. Pp. 13, fig. 1.
- Circular 29.—Changes in Provisional Methods for the Analysis of Foods, and Additions Thereto, from 1902 to 1905. Pp. 20.
- Circular 30.—Changes in Official Methods of Analysis and Additions Thereto, 1899 to 1905. Pp. 28.
- Circular 31.—General Results of the Investigations Showing the Effect of Salicylic Acid and Salicylates upon Digestion and Health. Pp. 12. fig. 1.

BUREAU OF ENTOMOLOGY.

- Circular 2.—The Hop Plant Louse and the Remedies to be Used Against It. Pp. 7, pl. 1, figs. 5.
- Circular 3.—An Important Enemy to Fruit Trees: The San Jose Scale. Pp. 10.
- Circular 4.—The Army Worm. Pp. 5, figs. 3.
- Circular 5.—The Carpet Beetle, or "Buffalo" Moth. Pp. 4, fig. 1.
- Circular 6.—The Mexican Cotton-boll Weevil. Pp. 5, figs. 3.
Same, Spanish.
- Circular 7.—The Pear Tree Psylla. Pp. 8, figs. 6.
- Circular 8.—The Imported Elm Leaf-beetle. Pp. 4, fig. 1.

- Circular 9.—Canker-worms. Pp. 4, figs. 4.
- Circular 10.—The Harlequin Cabbage Bug or Calico Back (*Murgantia histrionica* Hahn). Pp. 2.
- Circular 11.—The Rose Chafer. Pp. 4, fig. 1.
- Circular 12.—The Hessian Fly (*Cecidomyia destructor* Say). Pp. 4.
- Circular 13, revised.—Mosquitoes and Fleas. Pp. 6.
- Circular 14.—The Mexican Cotton-boll Weevil, Spanish edition. Pp. 8, figs. 5.
- Circular 15.—General Work Against Insects which Defoliate Shade Trees in Cities and Towns. Pp. 4.
- Circular 16.—The Larger Cornstalk Borer. Pp. 3, figs. 3.
- Circular 17.—The Peach-tree Borer. Pp. 4, fig. 1.
- Circular 18.—The Mexican Cotton-boll Weevil. Pp. 8, figs. 5.
- Circular 19.—The Clover Mite. Pp. 4, fig. 1.
- Circular 20.—The Woolly Aphis of the Apple (*Schizoneura lanigera* Hansmann). Pp. 6.
- Circular 21.—The Strawberry Weevil (*Anthonomus signatus* Say). 1897. Pp. 4.
- Circular 22.—The Periodical Cicada in 1897. Pp. 4.
- Circular 23.—The Buffalo Tree-hopper. Pp. 4, figs. 4.
- Circular 24.—The Two-lined Chestnut Borer. Pp. 8, fig. 1.
- Circular 25.—The Ox Warble. Pp. 10, figs. 10.
- Circular 26.—The Pear Slug. Pp. 7, figs. 4.
- Circular 28.—The Boxelder Plant-bug. Pp. 3, fig. 1.
- Circular 29, revised.—The Fruit-tree Bark-beetle. Pp. 8, figs. 4.
- Circular 31, revised.—The Striped Cucumber Beetle. Pp. 7, figs. 2.
- Circular 34.—House Ants. Pp. 4, figs. 3.
- Circular 36.—The True Clothes Moth. Pp. 8, figs. 3.
- Circular 37, revised.—The Use of Hydrocyanic Acid Gas for Fumigating Greenhouses and Cold Frames. Pp. 10, figs. 3.
- Circular 38.—The Squash-vine Borer. Pp. 6, figs. 2.
- Circular 39.—The Common Squash Bug. Pp. 5, figs. 3.
- Circular 41.—Regulations of Foreign Governments Regarding Importation of American Plants, Trees, and Fruits. Pp. 4.
- Circular 42, revised.—How to Control the San Jose Scale. Pp. 6.
- Circular 43.—The Destructive Green Pea Louse. Pp. 8, figs. 3.
- Circular 48.—The House Centipede. Pp. 4, figs. 2.
- Circular 49.—The Silver Fish. Pp. 4, figs. 2.
- Circular 50.—The White Ant. Pp. 8, figs. 4.
- Circular 51.—Cockroaches. Pp. 15, figs. 5.
- Circular 52.—The Lime, Sulphur, and Salt Wash. Pp. 8.

- Circular 53.—The Yellow-winged Locust (*Camnula pellucida*). Pp. 3, fig. 1.
- Circular 54.—The Peach Tree Borer. Pp. 6, fig. 1.
- Circular 55.—Powder-post Injury to Seasoned Wood Products. Pp. 5.
- Circular 56.—The Most Important Step in the Cultural System of Controlling the Boll Weevil. Pp. 7.
- Circular 57.—The Greenhouse White Fly (*Aleyrodes vaporariorum* Westw.). Pp. 9, fig. 1.
- Circular 59.—The Corn Root-worms. Pp. 8, figs. 3.
- Circular 60.—The Imported Cabbage Worm. Pp. 8, figs. 6.
- Circular 61.—Black Check in Western Hemlock. Pp. 10, figs. 5.
- Circular 62.—The Cabbage Worm. Pp. 6, fig. 1.
- Circular 63.—Root Maggots and How to Control Them. Pp. 7, figs. 5.
- Circular 64.—The Cottony Maple Scale (*Pulvinaria innumerabilis* Rathvoni). Pp. 6.
- Circular 65.—The Cotton Red Spider (*Tetranychus gloveri* Bks.). Pp. 5.
- Circular 66.—The Jointworm (*Isosoma tritici*). Pp. 5.
- Circular 67.—Clover Root-borer (*Hylastinus obscurus*). Pp. 5.
- Circular 68.—The Tobacco Thrips and Remedies to Prevent "White Veins" in Wrapper Tobacco (*Euthrips nicotianae* Hinds). Pp. 6.
- Circular 69.—Some Insects Affecting the Production of Red Clover Seed. Pp. 9, figs. 8.
- Circular 70.—The Hessian Fly (*Mayetola (Cecidomyia) destructor* Say). Pp. 16, figs. 16.
- Circular 71, revised.—House Flies (*Musca domestica* et al.). Pp. 9, figs. 10.
- Circular 72.—Key to the Known Larvæ of the Mosquitoes of the United States. Pp. 6, fig. 1.
- Circular 74.—The Periodical Cicada in 1906 (*Tibicen septendecim* L.). Pp. 5, figs. 3.
- Circular 75.—Requirements to be Complied with by Nurserymen or Others Who Make Interstate Shipments of Nursery Stock. Pp. 6.
- Circular 76.—List of Publications of the Bureau of Entomology. Pp. 21.
- Circular 77.—Harvest Mites, or "Chiggers." Pp. 6, figs. 3.
- Circular 78.—The Slender Seed-corn Ground-beetle (*Clivina impressifrons* Lec.). Pp. 6, figs. 2.
- Circular 79.—The Brood Diseases of Bees. Pp. 5.
- Circular 80.—The Melon Aphis (*Aphis gossypii* Glov.). Pp. 16, figs. 6.
- Circular 82.—Pinhole Injury to Girdled Cypress in the South Atlantic and Gulf States. Pp. 4, fig. 1.

OFFICE OF EXPERIMENT STATIONS.

- Circular 25.—Canaigre (*Rumex hymenosepalus*). Pp. 4.
- Circular 27.—Statistics of Agricultural Colleges and Experiment Stations, 1894. Pp. 18.
- Circular 28, revised.—Broom Corn. Pp. 4.
- Circular 30.—Permanent Elements in Experiment Station Work. Pp. 4.
- Circular 33.—Civil Service in the Department of Agriculture. Pp. 10.
- Circular 36.—Constitution of the Association of American Agricultural Colleges and Experiment Stations. Pp. 4.
- Circular 39.—Methods of Teaching Agriculture [third report]. Pp. 7.
- Circular 40.—Land-Grant and Other Colleges and the National Defense. Pp. 15.
- Circular 42.—A German Common School Garden. Pp. 7.
- Circular 43.—Food Nutrients—Food Economy. Pp. 6.
- Circular 44, revised.—Agricultural Experiment Stations in the United States. Pp. 11.
- Circular 46.—The Functions and Uses of Food. Pp. 11.
- Circular 47.—The Card Index of Experiment Station Literature. Pp. 2.
- Circular 49.—Secondary Courses in Agriculture. Pp. 10.
- Circular 51.—List of State Directors of Farmers' Institutes and Institute Lecturers of the United States. Pp. 23.
- Circular 52, revised.—A Few Good Books and Bulletins on Nature Study, School Gardening, and Elementary Agriculture for Common Schools. Pp. 4.
- Circular 56.—Constitution of the Association of Agricultural Colleges and Experiment Stations. Pp. 4.
- Circular 58.—Irrigation in the Valley of Lost River, Idaho. Pp. 24.
- Circular 60.—The Teaching of Agriculture in the Rural Common Schools. Pp. 20.
- Circular 61.—Statistics of Land-grant Colleges and Agricultural Experiment Stations, 1904. Pp. 9.
- Circular 62.—List of Abbreviations Employed in Experiment Station Record for Titles of Periodicals. Pp. 74.
- Circular 64.—Statistics of Land-Grant Colleges and Agricultural Experiment Stations, 1905. Pp. 9.
- Circular 65.—Irrigation from Snake River, Idaho. Pp. 16, fig. 1.
- Circular 66.—Publications of the Office of Experiment Stations Issued during 1905, and Station Publications Received by the Office of Experiment Stations during 1905. Pp. 14.

- Circular 67.—Investigations of Irrigation Practice in Oregon. Pp. 30, figs. 4.
- Circular 68.—Federal Legislation, Regulations, and Rulings Affecting Agricultural Colleges and Experiment Stations. Pp. 21.
- Circular 69.—A Four-years' Course in Agriculture. Pp. 36.
- Circular 70.—Publications of the Office of Experiment Stations from Its Organization to June 30, 1906. Pp. 12.
- Circular 71.—Report of Committee on Experiment Station Organization and Policy. Pp. 7.
- List of Station Publications Received by the Office of Experiment Stations during September and October, 1905. Pp. 7. (Doc. 847.)
- List of Station Publications Received by the Office of Experiment Stations during November and December, 1905. Pp. 6. (Doc. 858.)
- List of Station Publications Received by the Office of Experiment Stations during January and February, 1906. Pp. 8. (Doc. 872.)
- List of Publications of the Office of Experiment Stations on Irrigation and Drainage. Pp. 10. (Doc. 875.)
- List of Station Publications Received by the Office of Experiment Stations during March and April, 1906. Pp. 12. (Doc. 890.)
- List of Publications of the Office of Experiment Stations on the Food and Nutrition of Man. (Corrected to June 1, 1906.) Pp. 14. (Doc. 903.)
- List of Station Publications Received by the Office of Experiment Stations during May and June, 1906. Pp. 11. (Doc. 908.)
- Water Rights on Interstate Streams: The Platte River and Tributaries. Results of Investigations. 1905. Pp. 87.
- Water Rights on Interstate Streams: The Platte River and Tributaries. Water Rights within the States. 1905. Pp. 20. (Doc. 855.)
- Publications of the Office of Experiment Stations, 1888-1889, and Publications of the Agricultural Experiment Stations of the United States, 1875-1899. Pp. 44. (Doc. 877.)
- Publications of the Office of Experiment Stations Issued during 1902 and Station Publications Received by the Office of Experiment Stations during 1902. Pp. 45. (Doc. 879.)
- Publications of the Office of Experiment Stations Issued during 1903 and Station Publications Received by the Office of Experiment Stations during 1903. Pp. 18. (Doc. 880.)
- Publications of the Office of Experiment Stations Issued during 1904 and Station Publications Received by the Office of Experiment Stations during 1904. Pp. 16. (Doc. 881.)

FOREST SERVICE. (BUREAU OF FORESTRY.)

- Circular 9.—Effect of Turpentine Gathering on the Timber of Longleaf Pine. P. 1.
- Circular 11.—Facts and Figures Regarding Our Forest Resources, Briefly Stated. Pp. 8.

- Circular 12.—Southern Pine: Mechanical and Physical Properties. Pp. 12.
- Circular 14.—Is Protection Against Forest Fires Practicable? Pp. 4.
- Circular 15.—Summary of Mechanical Tests on Thirty-two Species of American Woods. Pp. 12.
- Circular 17.—Recent Legislation on State Forestry Commissions and Forest Reserves. Pp. 15.
- Circular 20.—Increasing the Durability of Timber. Pp. 5.
- Circular 21, fourth revision.—Practical Assistance to Farmers, Lumbermen, and Others in Handling Forest Lands. Pp. 5.
- Circular 22, fourth revision.—Practical Assistance to Tree Planters. Pp. 4.
- Circular 23, third revision.—Suggestions to Prospective Forest Students. Pp. 5.
- Circular 25.—Forestry and the Lumber Supply. Pp. 14.
- Circular 26.—Forest Fires in the Adirondacks in 1903. Pp. 15, map.
- Circular 32.—Progress Report on the Strength of Structural Timber. 1904. Pp. 27.
- Circular 34.—Practical Results of the Cup and Gutter System of Turpentining. Pp. 7, figs. 5.
- Circular 35.—Forest Preservation and National Prosperity. Pp. 31.
- Circular 36.—The Forest Service: What it is and How it Deals with Forest Problems. Pp. 24.
- Circular 37.—Forest Planting in the Sand-hill Region of Nebraska. Pp. 5.
- Circular 38.—Instructions to Engineers of Timber Tests. Pp. 55, figs. 13.
- Circular 39.—Experiments on the Strength of Treated Timber. Pp. 31, figs. 2.
- Circular 40.—The Utilization of Tupelo. Pp. 16, figs. 4.
- Circular 41.—Forest Planting on Coal Lands in Western Pennsylvania. Pp. 16.
- Circular 43.—Cross-ties Purchased by the Steam Railroads of the United States in 1905. Pp. 6.
- Circular 44.—Wood Used for Pulp in 1905. Pp. 11.
- Circular 45.—Forest Planting in Eastern Nebraska. Pp. 32.
- Circular 46.—Holding Force of Railroad Spikes in Wooden Ties. Pp. 7, figs. 4.
- Circular 47.—Strength of Packing Boxes of Various Woods. Pp. 8, figs. 3.
- Circular 48.—Kiln-drying Hardwood Lumber. Pp. 19, figs. 4.
- Circular 53.—Wood Used for Tight Cooperage Stock in 1905. Pp. 8.

DIVISION OF PUBLICATIONS.

- Circular 1, revised.—Organization of the Department of Agriculture. Pp. 31. (Corrected to October 1, 1905.)
- Circular 2.—Publications Available for Free Distribution in the United States. Pp. 48. (Corrected to October 1, 1906.)
- Circular 3.—List of Publications of the Department of Agriculture for Sale by the Superintendent of Documents. Pp. 74. (Revised to March 1, 1906.)
- Circular 4.—Farmers' Bulletin Subject Index. Pp. 13.

Monthly List of Publications.

This list is issued on the last day of each month and contains the titles of all publications issued by the Department of Agriculture during the month. The Monthly List is mailed regularly to all persons who request to have their names enrolled for that purpose.

OFFICE OF ROAD INQUIRY.

- Circular 18.—Report of Committee on Legislation, Adopted by the State Good Roads Convention held in Richmond, Va., October 10 and 11, 1895. Pp. 6.
- Circular 21.—Methods of Constructing Macadamized Roads. Pp. 12. Extract from a report prepared by the Chief Engineering Inspector of the Local Government Board of Great Britain.
- Circular 22.—Tennessee Road Circular. Pp. 3.
- Circular 24.—Highway Maintenance and Repairs. Pp. 16. Highway taxation; comparative results of labor and money systems; contract system of maintaining roads.
- Circular 27.—Cost of Hauling Farm Products to Market or to Shipping Points in European Countries. Pp. 12.
- Circular 30.—Repairs to Macadam Roads. Pp. 14.
- Circular 32.—State Aid to Road Building in Minnesota. Pp. 12, figs. 5.
- Circular 35.—Road Improvement in New York. Pp. 15.
- Circular 37.—The Railroads and the Wagon Roads. Pp. 4.
- Circular 38.—A Study of Rock Decomposition Under the Action of Water. Pp. 10.
- Circular 39.—Public Roads of the State of Washington: Mileage and Expenditures in 1904. Pp. 2.
- Circular 40.—Public Roads of Arizona: Mileage and Expenditures in 1904. Pp. 2.
- Circular 41.—Public Roads of Arkansas: Mileage and Expenditures in 1904. Pp. 2.
- Circular 42.—Public Roads of Oregon: Mileage and Expenditures in 1904. Pp. 2.
- Circular 43.—Public Roads of Iowa: Mileage and Expenditures in 1904. Pp. 3.
- Circular 44.—Public Roads of Virginia: Mileage and Expenditures in 1904. Pp. 4.

- Circular 45.—Public Roads of North Carolina: Mileage and Expenditures in 1904. Pp. 4.
- Circular 46.—Public Roads of Alabama: Mileage and Expenditures in 1904. Pp. 3.
- Circular 47.—Tar and Oil for Road Improvement: Report of Progress of Experiments at Jackson, Tennessee. Pp. 8.
- Circular 48.—Public Roads of Tennessee: Mileage and Expenditures in 1904. Pp. 4.
- Circular 49.—Public Roads of New Hampshire: Mileage and Expenditures in 1904. Pp. 2.
- Circular 50.—Public Roads of Maryland: Mileage and Expenditures in 1904. Pp. 2.
- Circular 51.—Public Roads of Maine: Mileage and Expenditures in 1904. Pp. 2.
- Circular 52.—Public Roads of New Mexico: Mileage and Expenditures in 1904. Pp. 2.
- Circular 53.—Public Roads of Pennsylvania: Mileage and Expenditures in 1904. Pp. 4.
- Circular 54.—Public Roads of Montana: Mileage and Expenditures in 1904. Pp. 2.
- Circular 55.—Public Roads of Wyoming: Mileage and Expenditures in 1904. Pp. 2.
- Circular 56.—Public Roads of North Dakota: Mileage and Expenditures in 1904. Pp. 2.
- Circular 57.—Public Roads of South Dakota: Mileage and Expenditures in 1904. Pp. 3.
- Circular 58.—Public Roads of Kentucky: Mileage and Expenditures in 1904. Pp. 4.
- Circular 59.—Public Roads of Florida: Mileage and Expenditures in 1904. Pp. 3.
- Circular 60.—Public Roads of South Carolina: Mileage and Expenditures in 1904. Pp. 4.
- Circular 61.—Public Roads of Nebraska: Mileage and Expenditures in 1904. Pp. 4.
- Circular 62.—Public Roads of Nevada: Mileage and Expenditures in 1904. Pp. 2.
- Circular 63.—Public Roads of Kansas: Mileage and Expenditures in 1904. Pp. 4.
- Circular 64.—Public Roads of Idaho: Mileage and Expenditures in 1904. Pp. 2.

OFFICE OF THE SECRETARY.

- Circular 3.—Progress of Southern Agriculture. Pp. 12.
- Circular 6.—Number, Status, and Compensation of Employees in the Department of Agriculture. Pp. 4.

- Circular 8, revised.—Cooperative Grass and Forage Plant Investigations with State Experiment Stations. Pp. 16.
- Circular 9.—Collection and Distribution of Grass Seed: Field Work. Pp. 11.
- Circular 11.—Methods and Benefits of Growing Sugar-beets. Pp. 27.
- Circular 13.—Standards of Purity for Food Products. (Superseding Circular 10.) Supplemental Proclamation. Pp. 14.
- Circular 15.—Adulteration of Kentucky Bluegrass and Orchard Grass Seed. Pp. 5.
- Circular 16.—Tests of Commercial Cultures of Nitrogen-fixing Bacteria. P. 1.
- Circular 17.—Standards of Purity for Food Products. (Supplementing Circular 13.) Supplemental Proclamation. Pp. 7.
- Circular 18.—Adulteration of Red Clover Seed. P. 1.
- Circular 19.—Standards of Purity for Food Products. (Superseding Circulars 13 and 17.) Supplemental Proclamation. Pp. 19.
- Circular 20.—Adulteration of Alfalfa Seed. Pp. 2.
- Circular 21.—Rules and Regulations for the Enforcement of the Food and Drugs Act. Pp. 20.

BUREAU OF SOILS.

- Circular 3.—The Soils of the Pecos Valley, New Mexico. Pp. 7.
- Circular 4.—Soils of Salt Lake Valley, Utah. Pp. 11, fig. 1.
- Circular 5.—Bulk Fermentation of Connecticut Tobacco. Pp. 10.
- Circular 11.—Reclamation of Alkali Land at Fresno, Cal. Pp. 9.
- Circular 12.—Reclamation of Alkali Land near Salt Lake City, Utah. Pp. 8, fig. 1.
- Circular 13.—The Work of the Bureau of Soils. Pp. 13.
- Circular 14.—Opportunities for the Production of Cigar-leaf Tobacco in East Texas and Alabama. Pp. 4.
- Circular 15.—Manurial Requirements of the Leonardtown Loam Soil of St. Mary County, Md. Pp. 13.
- Circular 16.—Manurial Requirements of the Cecil Silt Loam of Lancaster County, South Carolina. Pp. 7.
- Circular 17.—Manurial Requirements of the Portsmouth Sandy Loam of the Darlington Area, South Carolina. Pp. 10.
- Circular 18.—The Wire-Basket Method for Determining the Manurial Requirements of Soils. Pp. 6, figs. 2.
- List of Publications of the Bureau of Soils, Edition of March, 1906. Pp. 21.

BUREAU OF STATISTICS.

- Circular 1.—Acreage, Production, and Value of Principal Farm Crops in the United States, 1866 to 1895, with Other Data as to Cotton and Wool. Pp. 8.
- Circular 3.—The Farmers' Interest in Finance. Pp. 15, figs. 2.

- Circular 4.—The Cotton Crop of 1895. Pp. 15.
 Circular 6.—Cereal Crops of 1896. Pp. 12.
 Circular 8.—The Cotton Crop of 1896–97. Pp. 14.
 Circular 10.—The Brazos River (Texas) Flood of June–July, 1899, and its Effect on the Agriculture of the Submerged Region. Pp. 8.
 Circular 11.—The World's Grain Crops of 1899. Pp. 8.
 Circular 12.—Changes in Railroad Freight Classifications. Pp. 43.
 Circular 14.—Estimates of Russian Crops. 1901. Pp. 10.

DIVISION OF VEGETABLE PHYSIOLOGY AND PATHOLOGY.

- Circular 6.—Treatment of Black Rot of the Grape. Pp. 3.
 Circular 15.—Treatment for Sooty Mold of the Orange. Pp. 4.
 Circular 16.—Danger of Introducing a Central American Coffee Disease into Hawaii. Pp. 4.
 Circular 18.—A New Wheat Industry for the Semiarid West. Pp. 8, figs. 2.

SEPARATES.

ADVANCE SHEETS.

[From Field Operations, Bureau of Soils.]

ALABAMA.

- Soil Survey of Perry County.* 1902. Pp. 15, fig. 1, map 1.
Same, Huntsville Area. 1903. Pp. 24, fig. 1, map 1.
Same, Fort Payne Area. 1903. Pp. 21, fig. 1, map 1.
Same, Mobile Area. 1903. Pp. 15, fig. 1, map 1.
Same, Macon County. 1904. Pp. 29, fig. 1, map 1.
Same, Sumter County. 1904. Pp. 30, fig. 1, map 1.
Same, Blount County. 1905. Pp. 22, fig. 1, map 1.
Same, Montgomery County. 1905. Pp. 32, fig. 1, map 1.
Same, Dallas County. 1905. Pp. 24, fig. 1, map 1.
Same, Lauderdale County. 1905. Pp. 21, fig. 1, map 1.

ARIZONA.

- Soil Survey of Salt River Valley.* 1900. Pp. 46, pls. 4, figs. 7, maps 3.
Same, Yuma Area. 1902. Pp. 15, fig. 1, map 1.
Same, Solomonsville. 1903. Pp. 30, fig. 1, map 1.
Same, Yuma Area, Arizona-California. 1904. Pp. 27, fig. 1, maps 2.

ARKANSAS.

- Soil Survey of Miller County.* 1903. Pp. 18, fig. 1, map 1.

CALIFORNIA.

- Soil Survey of the Ventura Area.* 1901. Pp. 37, pls. 7, maps 2.
Same, Lower Salinas Valley. 1901. Pp. 29, pls. 5, maps 2.

- Soil Survey around Imperial. 1901. Pp. 19, pls. 9, maps 2.
 Soil Survey of San Gabriel Area. 1901. Pp. 28, pls. 2, figs. 2, map. 1.
Same, Hanford Area. 1901. Pp. 34, pls. 4, figs. 2, maps 2.
Same, Indio Area. 1903. Pp. 18, fig. 1, maps 2.
Same, Los Angeles. 1903. Pp. 48, fig. 1, maps 2.
Same, Imperial Area. 1903. Pp. 34, fig. 1, map 1.
Same, San Jose Area. 1903. Pp. 39, fig. 1, map 1.
Same, Bakersfield Area. 1904. Pp. 32, fig. 1, maps 3.
Same, Sacramento Area. 1904. Pp. 43, fig. 1, map 1.
Same, San Bernardino Valley. 1904. Pp. 41, fig. 1, map 1.
Same, Yuma Area. Arizona-California. 1904. Pp. 27, fig. 1, maps 2.

COLORADO.

- Soil Survey of the Lower Arkansas Valley. 1902. Pp. 48, pls. 8, fig. 1, maps 2.
Same, San Luis Valley. 1903. Pp. 25, fig. 1, maps 2.
Same, Greeley Area. 1904. Pp. 47, fig. 1, map 1.

CONNECTICUT.

- Soil Survey of the Connecticut Valley. 1903. Pp. 27, fig. 1, map 1.

DELAWARE.

- Soil Survey of Dover. 1903. Pp. 26, fig. 1, map 1.

FLORIDA.

- Soil Survey of Gadsden County. 1903. Pp. 27, fig. 1, map 1.
Same, Gainesville Area. 1904. Pp. 30, fig. 1, map 1.
Same, Leon County. 1905. Pp. 30, fig. 1, map 1.

GEORGIA.

- Soil Survey of Cobb County. 1901. Pp. 11, fig. 1, map 1.
Same, Covington Area. 1901. Pp. 12, pls. 3, map 1.
Same, Fort Valley Area. 1903. Pp. 18, fig. 1, map 1.
Same, Bainbridge Area. 1904. Pp. 25, fig. 1, map 1.
Same, Dodge County. 1904. Pp. 20, fig. 1, map 1.
Same, Spalding County. 1905. Pp. 15, fig. 1, map 1.
Same, Blount County. 1905. Pp. 22, fig. 1, map 1.

IDAHO.

- Soil Survey of the Boise Area. 1901. Pp. 26, pls. 5, figs. 3, maps 4.
Same, Lewiston Area. 1902. Pp. 21, fig. 1, map 1.
Same, Blackfoot Area. 1903. Pp. 22, fig. 1, maps 2.

ILLINOIS.

- Soil Survey of Clay County. 1902. Pp. 16, map 1.
Same, Clinton County. 1902. Pp. 16, map 1..

- Soil Survey of St. Clair County.* 1902. Pp. 26, map 1.
Same, Tazewell County. 1902. Pp. 25, fig. 1, map 1.
Same, Knox County. 1903. Pp. 20, fig. 1, map 1.
Same, Winnebago County. 1903. Pp. 27, fig. 1, map 1.
Same, Sangamon County. 1903. Pp. 21, fig. 1, map 1.
Same, Johnson County. 1903. Pp. 20, fig. 1, map 1.
Same, O'Fallon Area. Missouri-Illinois. 1904. Pp. 31, fig. 1, map 1.

INDIANA.

- Soil Survey of Posey County.* 1902. Pp. 22, fig. 1, map 1.
Same, Madison County. 1903. Pp. 19, fig. 1, map 1.
Same, Scott County. 1904. Pp. 24, fig. 1, map 1.
Same, Boonville Area. 1904. Pp. 27, fig. 1, map 1.
Same, Marshall County. 1904. Pp. 22, fig. 1, map 1.
Same, Newton County. 1905. Pp. 37, fig. 1, map 1.
Same, Tippecanoe County. 1905. Pp. 37, fig. 1, map 1.

IOWA.

- Soil Survey of the Dubuque Area.* 1902. Pp. 22, fig. 1, map 1.
Same, Cerro Gordo County. 1903. Pp. 25, fig. 1, map 1.
Same, Story County. 1903. Pp. 23, fig. 1, map 1.
Same, Tama County. 1904. Pp. 29, fig. 1, map 1.

KANSAS.

- Soil Survey of the Wichita Area.* 1902. Pp. 20, fig. 1, map 1.
Same, Parsons Area. 1903. Pp. 23, fig. 1, map 1.
Same, Russell Area. 1903. Pp. 20, fig. 1, map 1.
Same, Allen County. 1904. Pp. 24, fig. 1, map 1.
Same, Garden City Area. 1904. Pp. 33, fig. 1, map 1.
Same, Brown County. 1905. Pp. 20, fig. 1, map 1.

KENTUCKY.

- Soil Survey of Union County.* 1902. Pp. 16, fig. 1, map 1.
Same, Scott County. 1903. Pp. 16, fig. 1, map 1.
Same, Mason County. 1903. Pp. 19, fig. 1, map 1.
Same, Warren County. 1904. Pp. 19, fig. 1, map 1.
Same, McCracken County. 1905. Pp. 20, fig. 1, map 1.

LOUISIANA.

- Soil Survey of the Lake Charles Area.* 1901. Pp. 21, fig. 1, map 1.
Same, New Orleans Area. 1903. Pp. 25, fig. 1, map 1.
Same, Ouachita Parish. 1903. Pp. 24, fig. 1, map 1.
Same, Acadia Parish. 1903. Pp. 29, fig. 1, map 1.
Same, De Soto Parish. 1904. Pp. 25, fig. 1, map 1.
Same, East Baton Rouge Parish. 1905. Pp. 23, fig. 1, map 1.

MARYLAND.

- Soil Survey of Calvert County.* 1900. Pp. 25, fig. 1, map 1.
Same, Kent County. 1900. Pp. 14, map 1.
Same, Cecil County. 1900. Pp. 25, figs. 6, map 1.
Same, Harford County. 1901. Pp. 27, map 1.
Same, Prince George County. 1901. Pp. 38, pls. 5, fig. 1, map 1.
Same, Worcester Area. 1903. Pp. 29, fig. 1, map 1.

MICHIGAN.

- Soil Survey of Allegan County.* 1901. Pp. 32, pls. 10, fig. 1, map 1.
Same, Pontiac Area. 1903. Pp. 31, fig. 1, map 1.
Same, Alma Area. 1904. Pp. 30, fig. 1, map 1.
Same, Munising Area. 1904. Pp. 25, fig. 1, map 1.
Same, Owosso Area. 1904. Pp. 27, fig. 1, map 1.
Same, Saginaw Area. 1904. Pp. 40, fig. 1, map 1.
Same, Oxford Area. 1905. Pp. 19, fig. 1, map 1.

MINNESOTA.

- Soil Survey of the Marshall Area.* 1903. Pp. 21, fig. 1, map 1.
Same, Superior Area, Wisconsin-Minnesota. 1905. Pp. 22, fig. 1, map 1.
Same, Carlton Area, Minnesota-Wisconsin. 1905. Pp. 25, fig. 1, map 1.

MISSISSIPPI.

- Soil Survey of the Yazoo Area.* 1901. Pp. 28, pls. 9, figs. 2, map 1.
Same, Smedes Area. 1902. Pp. 24, fig. 1, map 1.
Same, McNeill Area. 1903. Pp. 18, fig. 1, map 1.
Same, Jackson Area. 1904. Pp. 14, fig. 1, map 1.
Same, Biloxi Area. 1904. Pp. 26, fig. 1, map 1.
Same, Crystalsprings Area. 1905. Pp. 23, fig. 1, map 1.

MISSOURI.

- Soil Survey of Howell County.* 1902. Pp. 17, fig. 1, map 1.
Same, Shelby County. 1903. Pp. 19, fig. 1, map 1.
Same, Saline County. 1904. Pp. 28, fig. 1, map 1.
Same, Webster County. 1904. Pp. 18, fig. 1, map 1.
Same, O'Fallon Area, Missouri-Illinois. 1904. Pp. 31, fig. 1, map 1.

MONTANA.

- Soil Survey of the Billings Area.* 1902. Pp. 26, pl. 1, fig. 1, maps 2.
Same, Gallatin Valley. 1905. Pp. 26, fig. 1, map 1.

NEBRASKA.

- Soil Survey of the Stanton Area.* 1903. Pp. 20, fig. 1, map 1.
Same, Grand Island Area. 1903. Pp. 23, fig. 1, map 1.
Same, Kearney Area. 1904. Pp. 20, fig. 1, maps 2.

NEW JERSEY.

Soil Survey of the Salem Area. 1901. Pp. 24, fig. 1, map 1.
Same, Trenton Area. 1902. Pp. 24, fig. 1, map 1.

NEW YORK.

Soil Survey of the Westfield Area. 1901. Pp. 18, pls. 5, fig. 1, map 1.
Same, Bigflats Area. 1902. Pp. 17, figs. 2, map 1.
Same, Syracuse Area. 1903. Pp. 31, fig. 1, map 1.
Same, Auburn Area. 1904. Pp. 28, fig. 1, map 1.
Same, Vergennes Area, New York-Vermont. 1904. Pp. 26, fig. 1, map 1.
Same, Binghamton Area. 1905. Pp. 30, fig. 1, map 1.

NORTH CAROLINA.

Soil Survey from Raleigh to Newbern. 1900. Pp. 16, figs. 2.
Same, Alamance County. 1901. Pp. 14, pls. 3, map 1.
Same, Statesville Area. 1901. Pp. 23, fig. 1, map 1.
Same, Hickory Area. 1902. Pp. 20, fig. 1, maps 2.
Same, Craven Area. 1903. Pp. 30, fig. 1, map 1.
Same, Asheville Area. 1903. Pp. 23, fig. 1, map 1.
Same, Greeneville Area, Tennessee-North Carolina. 1904. Pp. 37, fig. 1, map 1.
Same, Duplin County. 1905. Pp. 23, fig. 1, map 1.
Same, Perquimans and Pasquotank Counties. 1905. Pp. 22, fig. 1, map 1.

NORTH DAKOTA.

Soil Survey of the Grand Forks Area. 1902. Pp. 18, pls. 3, figs. 4, map 1.
Same, Fargo Area. 1903. Pp. 29, fig. 1, map 1.
Same, Jamestown Area. 1903. Pp. 26, fig. 1, map 1.
Same, Cando Area. 1904. Pp. 29, fig. 1, map 1.
Same, Carrington Area. 1905. Pp. 26, fig. 1, maps 2.

OHIO.

Soil Survey of Montgomery County. 1900. Pp. 18, pls. 3, figs. 4, map 1.
Same, Columbus Area. 1902. Pp. 21, map 1.
Same, Toledo Area. 1902. Pp. 20, fig. 1, map 1.
Same, Ashtabula Area. 1903. Pp. 16, fig. 1, map 1.
Same, Coshocton County. 1904. Pp. 20, fig. 1, map 1.
Same, Wooster Area. 1904. Pp. 22, figs. 26, map 1.
Same, Westerville Area. 1905. Pp. 19, fig. 1, map 1.

OREGON.

Soil Survey of the Salem Area. 1903. Pp. 16, fig. 1, map 1.
Same, Baker City Area. 1903. Pp. 24, fig. 1, maps 4.

PENNSYLVANIA.

- Soil Survey Around Lancaster. 1900. Pp. 24, pls. 4, figs. 2, map 1.
Same, Lebanon Area. 1901. Pp. 23, fig. 1, map 1.
Same, Lockhaven Area. 1903. Pp. 18, fig. 1, map 1.
Same, Adams County. 1904. Pp. 36, fig. 1, map 1.

PORTO RICO.

- Soil Survey from Arecibo to Ponce. 1902. Pp. 47, fig. 1, map 1.

RHODE ISLAND.

- Soil Survey of the Rhode Island Area. 1904. Pp. 30, maps 2.

SOUTH CAROLINA.

- Soil Survey of the Darlington Area. 1902. Pp. 17, map 1.
Same, Abbeville Area. 1902. Pp. 17, fig. 1, map 1.
Same, Campobello Area. 1903. Pp. 21, fig. 1, map 1.
Same, Charleston Area. 1904. Pp. 28, fig. 1, map 1.
Same, Lancaster County. 1904. Pp. 20, fig. 1, map 1.
Same, Orangeburg Area. 1904. Pp. 25, fig. 1, map 1.
Same, York County. 1905. Pp. 28, fig. 1, map 1.

SOUTH DAKOTA.

- Soil Survey of the Brookings Area. 1903. Pp. 19, fig. 1, map 1.

TENNESSEE.

- Soil Survey of Davidson County. 1903. Pp. 17, fig. 1, map 1.
Same, Pikeville Area. 1903. Pp. 31, fig. 1, map 1.
Same, Lawrence County. 1904. Pp. 22, fig. 1, map 1.
Same, Greeneville Area, Tennessee-North Carolina. 1904. Pp. 37, fig. 1, map 1.
Same, Henderson County. 1905. Pp. 19, fig. 1, map 1.

TEXAS.

- Soil Survey of the Willis Area. 1901. Pp. 13, pl. 1, fig. 1.
Same, Brazoria Area. 1902. Pp. 16, fig. 1, maps 2.
Same, Vernon Area. 1902. Pp. 17, map 1.
Same, Paris Area. 1903. Pp. 24, fig. 1, map 1.
Same, Jacksonville Area. 1903. Pp. 15, fig. 1, map 1.
Same, Woodville Area. 1903. Pp. 14, fig. 1, map 1.
Same, Nacogdoches Area. 1903. Pp. 17, fig. 1, map 1.
Same, Lufkin Area. 1903. Pp. 14, fig. 1, map 1.
Same, Anderson County. 1904. Pp. 28, fig. 1, map 1.
Same, Austin Area. 1904. Pp. 30, fig. 1, map 1.
Same, San Antonio Area. 1904. Pp. 21, fig. 1, map 1.
Same, Waco Area. 1905. Pp. 37, fig. 1, map 1.
Same, Lavaca County. 1905. Pp. 24, fig. 1, map 1.

UTAH.

Soil Survey of the Provo Area. 1903. Pp. 34, pls. 2, fig. 1, maps 6.
Same, Bear River Area. 1904. Pp. 33, fig. 1, maps 3.

VERMONT.

Soil Survey of the Vergennes Area, New York-Vermont. 1904. Pp. 26, fig. 1, map 1.

VIRGINIA.

Soil Survey of the Bedford Area. 1901. Pp. 19, pls. 6, fig. 1, map 1.
Same, Albemarle Area. 1902. Pp. 52, fig. 1, maps 3.

Same, Leesburg Area. 1903. Pp. 45, fig. 1, map 1.

Same, Appomattox County. 1904. Pp. 22, fig. 1, map 1.

Same, Louisa County. 1905. Pp. 26, fig. 1, map 1.

WASHINGTON.

Soil Survey of the Yakima Area. 1901. Pp. 31, pls. 11, figs. 4, maps 2.

Same, Walla Walla Area. 1902. Pp. 18, fig. 1, map 1.

Same, Island County. 1905. Pp. 23, fig. 1, map 1.

WEST VIRGINIA.

Soil Survey of Upshur County. 1905. Pp. 20, fig. 1, map 1.

WISCONSIN.

Soil Survey of the Janesville Area. 1902. Pp. 22, fig. 1, map 1.

Same, Viroqua Area. 1903. Pp. 20, fig. 1, map 1.

Same, Superior Area, Wisconsin-Minnesota. 1905. Pp. 22, fig. 1, map 1.

Same, Carlton Area, Minnesota-Wisconsin. 1905. Pp. 25, fig. 1, map 1.

WYOMING.

Soil Survey of the Laramie Area. 1903. Pp. 31, fig. 1, maps 3.

MISCELLANEOUS.

General Review of the Work of the Division of Soils. 1900. Pp. 42.

YEARBOOK PAPERS.

[Reprinted from the Yearbook for 1894.]

13. *The More Important Insects Injurious to Stored Grain.* Pp. 18, figs. 9.
15. *Some Practical Suggestions for the Suppression and Prevention of Bovine Tuberculosis.* Pp. 14.
19. *The Grain Smuts: Their Cause and Prevention.* Pp. 12, figs. 8.
20. *Grasses as Sand and Soil Binders.* Pp. 16, figs. 11.
27. *Tobacco Soils of Connecticut and Pennsylvania.* Pp. 13, figs. 7.
28. *Truck Lands of the Atlantic Seaboard.* Pp. 15, figs. 3.

29. Conditions in Soils in the Arid Region. Pp. 10, fig. 1.
 30. Weather Conditions of the Crop of 1894. Pp. 5, figs. 2.

[Reprinted from the Yearbook for 1895.]

37. The Meadow Lark and the Baltimore Oriole. Pp. 12, figs. 2.
 44. Butter Substitutes. Pp. 8.
 47. Small-Fruit Culture for Market. Pp. 12, pl. 1.
 50. Pear Blight: Its Cause and Prevention. Pp. 6.
 66. The Blue Jay and its Food. Pp. 10, figs. 3.

[Reprinted from the Yearbook for 1896.]

71. Potash and Its Function in Agriculture. Pp. 30.
 74. Insect Control in California. Pp. 20, pl. 1, figs. 2.
 78. Agricultural Research and Education in Belgium. Pp. 10.
 83. Influence of Environment on the Origination of Plant Varieties. Pp. 18, figs. 8.
 85. Methods of Propagating the Orange and Other Citrus Fruits. Pp. 18, figs. 13.
 87. Pruning and Training Grapevines. Pp. 44, figs. 24.
 89. Grass and Forage Experiment Station at Garden City, Kansas, and Cooperative Branch Stations in the South. Pp. 2.

[Reprinted from the Yearbook for 1897.]

90. Division of Agrostology. Pp. 16.
 91. Lawns and Lawn Making. Pp. 18, pls. 7.
 93. Bureau of Animal Industry. Pp. 23.
 94. Utilization of By-Products of the Dairy. Pp. 20.
 105. The Needs and Requirements of a Control of Feeding Stuffs. Pp. 8.
 106. The Agricultural Outlook of the Coast Region of Alaska. Pp. 24, pls. 4.
 108. Office of Fiber Investigations. Pp. 12.
 110. Section of Foreign Markets. Pp. 9.
 112. Trees of the United States Important in Forestry. Pp. 26.
 117. Division of Publications. Pp. 17.
 122. Agricultural Production and Prices. Pp. 30.
 124. Hybrids and Their Utilization in Plant Breeding. Pp. 38, figs. 12, pls. 4.
 126. Review of Weather and Crop Conditions, Season of 1897. Pp. 21, figs. 2.

[Reprinted from the Yearbook for 1898.]

128. Millets. Pp. 24, pls. 2, figs. 6.
 130. Cattle Dipping, Experimental and Practical. Pp. 20, figs. 2.
 131. The Preparation and Use of Tuberculin. Pp. 10, fig. 1.
 132. Danger of Introducing Noxious Animals and Birds. Pp. 22, pl. 1, figs. 6.
 133. Birds as Weed Destroyers. Pp. 12, figs. 7, pl. 1.
 134. Weeds in Cities and Towns. Pp. 8, figs. 5.

[Cir. 2]

135. Can Perfumery Farming Succeed in the United States? Pp. 22, figs. 7.
137. Utilization of Residues from Beet-Sugar Manufacture in Cattle Feeding. Pp. 8.
139. Insects Injurious to Beans and Peas. Pp. 26, figs. 17.
143. Notes on Some Forest Problems. Pp. 12, pls. 4.
149. Steel-Track Wagon Roads. Pp. 6, pls. 3, fig. 1.
151. Agriculture in Puerto Rico. Pp. 10, pl. 1.
153. The Soluble Mineral Matter of Soils. Pp. 10, figs. 8.
156. Agricultural Statistics. Pp. 51.
157. Pollination of Pomaceous Fruits. Pp. 14, figs. 13.
158. Work in Vegetable Physiology and Pathology. Pp. 6.
159. Improvement of Plants by Selection. Pp. 22, pls. 2, figs. 3.

[Reprinted from the Yearbook for 1899.]

164. Statistical Matter Relating to Principal Crops, Farm Animals, Transportation Rates, etc. Pp. 91.
165. Some Examples of the Development of Knowledge concerning Animal Diseases. Pp. 42.
169. Soil Investigations in the United States. Pp. 12.
175. Agricultural Experiment Stations in the United States. Pp. 36, pls. 3.
176. Progress of Economic and Scientific Agrostology. Pp. 20, figs. 5.
179. Progress of Agriculture in the United States. Pp. 28.
180. Relation of Chemistry to Progress of Agriculture. Pp. 58, figs. 2.
185. A Directory for Farmers. Pp. 35.
187. The Practice of Forestry by Private Owners. Pp. 14, pls. 4.
188. Growth of the Tobacco Industry. Pp. 12, pls. 7.
189. Progress in the Treatment of Plant Diseases in the United States. Pp. 10, figs. 2.
190. Succulent Forage for the Farm and Dairy. Pp. 14, pls. 2.
191. Progress of Commercial Growing of Plants under Glass. Pp. 16, pls. 3, figs. 6.

[Reprinted from the Yearbook for 1900.]

192. Rabies: Its Cause, Frequency, and Treatment. Pp. 36.
193. Agricultural Education in France. Pp. 16.
194. The Food of Nestling Birds. Pp. 26, pls. 5, figs. 9.
195. Successful Wheat Growing in Semiarid Districts. Pp. 14, pls. 4.
196. Smyrna Fig Culture in the United States. Pp. 28, pls. 8, figs. 7.
197. How Birds Affect the Orchard. Pp. 14, figs. 5.
200. Statistical Matter Relating to Principal Crops, Farm Animals, etc. Pp. 113.
202. Amplification of Weather Forecasts. Pp. 8, pls. 3, fig. 1.
203. Commercial Plant Introduction. Pp. 14.

204. The Selection of Materials for Macadam Roads. Pp. 8.
 206. Some Poisonous Plants of the Northern Stock Ranges. Pp. 20, pls. 3, figs. 4.
 208. Fungous Diseases of Forest Trees. Pp. 12, pls. 5.
 209. The Influence of Rye on the Price of Wheat. Pp. 16.
 210. Mountain Roads. Pp. 16, pls. 3.
 211. The World's Exhibit of Leaf Tobacco at the Paris Exposition. Pp. 10, pls. 2.
 212. Forest Extension in the Middle West. Pp. 12, pls. 4.
 214. Practical Forestry in the Southern Appalachians. Pp. 12, pls. 6.
 215. Commercial Pear Culture. Pp. 28, pls. 3.
 216. Objects and Methods of Investigating Certain Physical Properties of Soils. Pp. 14, pls. 2, figs. 2.
 217. Development of the Trucking Interests. Pp. 16.
 218. The Date Palm and Its Culture. Pp. 38, pls. 9, figs. 7.
 220. Testing Commercial Varieties of Vegetables. Pp. 8.
 221. The Use and Abuse of Food Preservatives. Pp. 10.
 222. The Influence of Refrigeration on the Fruit Industry. Pp. 20, pls. 5.

[Reprinted from the Yearbook for 1901.]

225. The Relation of Nutrition to the Health of Plants. Pp. 22, pls. 7.
 227. The Prairie Dog of the Great Plains. Pp. 14, pls. 3, figs. 2.
 229. Little-known Fruit Varieties Considered Worthy of Wider Dissemination. Pp. 12, pls. 7.
 233. Some Problems of the Rural Common School. Pp. 22, pl. 1, figs. 4.
 234. The Future Demand for American Cotton. Pp. 14.
 240. Road Building with Convict Labor in the Southern States. Pp. 14, pls. 5.
 241. Grazing in the Forest Reserves. Pp. 16, pls. 8.
 244. Dietaries in Public Institutions. Pp. 16.
 245. Government Cooperation in Object-Lesson Road Work. Pp. 6, pls. 2.
 246. The Home Fruit Garden. Pp. 16, figs. 6.
 247. Two Vanishing Game Birds—the Woodcock and the Wood Duck. Pp. 12, pls. 2, figs. 3.
 249. A Working Plan for Southern Hardwoods and Its Results. Pp. 6, pls. 3.
 252. Agricultural Investigations in the Island Possessions of the United States. Pp. 24.
 253. Mountain Roads as a Source of Revenue. Pp. 14, pls. 7.
 254. The Hemp Industry in the United States. Pp. 14, pls. 3, figs. 2.
 256. Wheat Ports of the Pacific Coast. Pp. 14, pls. 5.

[Cir. 2]

258. Statistical Matter Relating to Principal Crops and Farm Animals, Freight Rates, Exports, etc., in the United States, 1901. Pp. 113.

259. A Directory for Farmers. Pp. 87.

[Reprinted from the Yearbook for 1902.]

260. Dairying at Home and Abroad. Pp. 10, pls. 6.

262. The Contamination of Public Water Supplies by Algae. Pp. 12, pls. 2.

264. Industrial Progress in Plant Work. Pp. 12.

268. Some of the Principal Insect Enemies of Coniferous Forests in the United States. Pp. 18, pls. 2, figs. 10.

270. Practicability of Forest Planting in the United States. Pp. 12, pls. 4.

274. Influence of Forestry upon the Lumber Industry. Pp. 4, pls. 3.

276. Chemical Studies of Some Forest Products of Economic Importance. Pp. 12.

278. Systems of Farm Management in the United States. Pp. 22, figs. 4.

279. Improvement of Cotton by Seed Selection. Pp. 22, pls. 3, fig. 1.

280. Cost of Food as Related to Its Nutritive Value. Pp. 20.

281. Grape, Raisin, and Wine Production in the United States. Pp. 14, pls. 8.

282. Flaxseed Production, Commerce, and Manufacture in the United States. Pp. 18.

283. Promising New Fruits. Pp. 12, pls. 7.

284. Plants as a Factor in Home Adornment. Pp. 18, pls. 3, figs. 3.

285. Progress in Secondary Education in Agriculture. Pp. 21, pls. 2.

287. Improvement of Corn by Seed Selection. Pp. 14, pls. 7.

290. Fertilizers for Special Crops. Pp. 20.

291. Crops Used in the Reclamation of Alkali Lands in Egypt. Pp. 16, pls. 4, figs. 2.

292. Some Practical Results of Experiment Station Work. Pp. 18.

296. Use of Mineral Oil in Road Improvement. Pp. 16, pls. 3, figs. 4.

297. A Directory for Farmers. Pp. 98.

298. Statistical Matter Relating to Principal Crops and Animals, etc., 1902. Pp. 116.

300. Agricultural Periodicals in Department Library, 1902. Pp. 6.

[Reprinted from the Yearbook for 1903.]

304. The Nation's Farm Surplus. Pp. 12.

305. Progress of Road Building in the Middle West. Pp. 10, pls. 3.

308. Consumption of Cotton in the Cotton States. Pp. 16, pls. 3, fig. 1.

309. The Economic Value of the Bobwhite. Pp. 12, pl. 1.

312. The Farmers' Institutes. Pp. 10.

314. The Growing of Long-Staple Upland Cotton. Pp. 16, pls. 5.

317. Relation of Cold Storage to Commercial Apple Orcharding. Pp. 14, pls. 6.
319. The Industry in Oil Seeds. Pp. 16.
320. Relation of Sugar Beets to General Farming. Pp. 12, pls. 3.
321. Principal Commercial Plant Fibers. Pp. 12, pls. 5.
322. Some New Facts about the Migration of Birds. Pp. 16, figs. 2.
324. Wheat Flour and Bread. Pp. 16.
325. Cultivation of Drug Plants in the United States. Pp. 10, pls. 3.
326. Macaroni Wheat. Pp. 8.
328. Determination of the Effect of Preservatives in Foods on Health and Digestion. Pp. 14.
329. The Relation of Forests to Stream Flow. Pp. 10.
330. Promising New Fruits. Pp. 12, pls. 7.
333. A Directory for Farmers. Pp. 80, pls. 4, figs. 5.
334. Statistical Matter Relating to Principal Crops, Farm Animals, Freight Rates, Exports, etc., in the United States in 1903. Pp. 120.

[Reprinted from the Yearbook for 1904.]

336. The Relation of Plant Physiology to the Development of Agriculture. Pp. 14.
337. The Attitude of Lumbermen toward Forest Fires. Pp. 8, pls. 3.
338. Relation of Weather Conditions to Growth and Development of Cotton. Pp. 10, figs. 8.
339. Inspection of Foreign Food Products. Pp. 7.
340. Opportunities in Agriculture. Pp. 30, pls. 3.
342. The Respiration Calorimeter. Pp. 16, pl. 1, figs. 2.
344. The Relation of Birds to Fruit Growing in California. Pp. 15.
347. The Castor Oil Industry. Pp. 12.
348. The Nut Weevils. Pp. 12, pls. 3, figs. 10.
350. Practical Road Building in Madison County, Tennessee. Pp. 8, pls. 5, figs. 5.
351. Sugar-Beet Seed Breeding. Pp. 12, pls. 3.
352. The Weather Bureau and the Homeseeker. Pp. 6.
354. Some Uses of the Grapevine and Its Fruit. Pp. 18, pls. 6, figs. 5.
355. Insect Injuries to Forest Products. Pp. 18, figs. 14.
356. Promising New Fruits. Pp. 18, pls. 8.
357. Consumers' Fancies. Pp. 18.
358. Improvement of Tobacco by Breeding and Selection. Pp. 18, pls. 7, figs. 2.
359. The Determination of Timber Values. Pp. 8.
360. Annual Loss Occasioned by Destructive Insects in the United States. Pp. 14.
361. Cotton Culture in Guatemala. Pp. 14, pls. 3, fig. 1.
362. Boys' Agricultural Clubs. Pp. 7, pls. 3.

[Cir. 2]

364. Some Benefits the Farmer May Derive from Game Protection. Pp. 12.
365. State Publications on Agriculture. Pp. 6.
- 366.^a Animal Breeding and Feeding Investigations by the Bureau of Animal Industry. Pp. 12, pl. 1.
367. Plant Diseases in 1904. Pp. 6.
369. Directory for Farmers. Pp. 187.
370. Statistical Matter. Pp. 18.
371. Game Protection in 1904. Pp. 4.
372. Progress of Forestry, 1904. Pp. 6, pl. 1.

[Reprinted from the Yearbook for 1905.]

373. The Gypsy and Brown-tail Moths and Their European Parasites. Pp. 15.
375. Some Ways in Which the Department of Agriculture and the Experiment Stations Supplement Each Other. Pp. 16.
376. How to Grow Young Trees for Forest Planting. Pp. 10, pl. 1, fig. 1.
377. Diversified Farming in the Cotton Belt. I. South Atlantic Coast. II. Alabama and Mississippi. III. Louisiana, Arkansas, and Northeastern Texas. IV. Texas. Pp. 27, pls. 3.
378. Dark Fire-Cured Tobacco of Virginia and the Possibilities for Its Improvement. Pp. 13, pls. 4, fig. 1.
382. The Use of Illustrative Material in Teaching Agriculture in Rural Schools. Pp. 18, pls. 3, pp. 10.
383. New Fruit Productions of the Department of Agriculture. Pp. 16, pls. 7, fig. 1.
385. Fruit and Its Uses as Food. Pp. 18, fig. 1.
386. The Principal Insect Enemies of the Peach. Pp. 24, pls. 7, figs. 7.
387. The Handling of Fruit for Transportation. Pp. 14, pls. 4.
388. Meadow Mice in Relation to Agriculture and Horticulture. Pp. 14, pls. 4, fig. 1.
389. The Effect of Inbreeding in Plants. Pp. 16, pls. 3, figs. 2.
390. Renovated Butter: Its Origin and History. Pp. 6.
392. Illustrations of the Influence of Experiment Station Work on Culture of Field Crops. Pp. 16, fig. 1.
395. Prolonging the Life of Telephone Poles. Pp. 10, pl. 1, fig. 1.
397. Formaldehyde: Its Composition and Uses. Pp. 6.
398. Waste in Logging Southern Yellow Pine. Pp. 12, pls. 2.
399. Promising New Fruits. Pp. 16, pls. 9.
401. Progress in Drug-plant Cultivation. Pp. 8, pls. 3.
402. Federal Game Protection: A Five Years' Retrospect. Pp. 22, pl. 1, figs. 13.
403. Game Protection in 1905. Pp. 7.

^a Reprinted as Circular No. 77, Bureau of Animal Industry.

404. Statistical Matter Relating to Principal Crops and Farm Animals, Freight Rates, Exports, etc., of the United States, 1905. Pp. 17.
405. A Directory for Farmers (Corrected to April 1, 1906), with Weather Conditions, Crop Injuries, etc., for 1905. Pp. 83, pls. 3, figs. 5.
406. Progress of Forestry in 1905. Pp. 9, figs. 2.
407. Progress of Road Legislation and Road Improvement in the Different States. Pp. 4.
409. Plant Diseases in 1905. Pp. 10.

[Cir. 2]

